

YAMAHA *Clavinova*®

CVP-75

Owner's Guide Bedienungsanleitung Manuel d'instructions Manual del Propietario

IMPORTANT

Check Your Power Supply

Make sure that your local AC mains voltage matches the voltage specified on the name plate on the bottom panel. In some areas a voltage selector may be provided on the bottom panel of the main keyboard unit, toward the rear panel. Make sure that the voltage selector is set for the voltage in your area.

WICHTIG

Netzspannung überprüfen

Sicherstellen, daß die örtliche Netzspannung mit der am Typenschild auf der Unterseite angegebenen Betriebsspannung übereinstimmt. Für manche Bestimmungsländer ist das Instrument mit einem Spannungswähler an der Rückseite ausgestattet, der dann auf die örtliche Netzspannung gestellt sein muß.

IMPORTANT

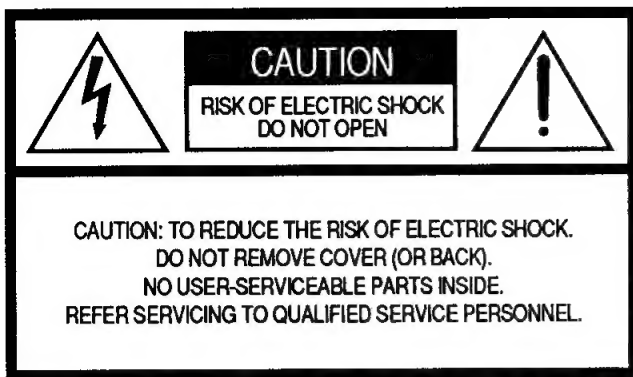
Vérifier la source d'alimentation

Vérifier que la tension du secteur correspond à la tension spécifiée sur la plaque d'identification sur le panneau inférieur de l'instrument. Pour certains pays, le clavier principal est équipé d'un sélecteur de tension au panneau inférieur, à proximité du panneau arrière. Vérifier que ce sélecteur est bien réglé sur la tension secteur du pays.

IMPORTANTE

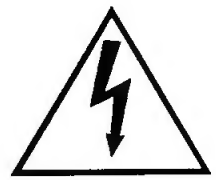
Compruebe su fuente de alimentación

Asegúrese de que la tensión de la red eléctrica de CA corresponde con la tensión especificada en la placa de características del panel inferior. En algunas áreas se incorpora un selector de tensión en el panel inferior de la unidad principal del teclado, hacia el panel posterior. Asegúrese de que el selector de tensión está ajustado a la tensión de su localidad.



See bottom of Keyboard enclosure for graphic symbol markings

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.



IMPORTANT SAFETY AND INSTALLATION INSTRUCTIONS

INFORMATION RELATING TO POSSIBLE PERSONAL INJURY, ELECTRIC SHOCK, AND FIRE HAZARD POSSIBILITIES HAS BEEN INCLUDED IN THIS LIST.

WARNING -When using electronic products, basic precautions should always be followed, including the following:

1. Read all Safety and Installation Instructions, Explanation of Graphical Symbols, and assembly instructions (where applicable) **BEFORE** using your Yamaha electronic product. Check unit weight specifications before you attempt to move this instrument!
2. **Main Power Supply Verification:** Your Yamaha electronic product has been manufactured specifically for the main supply voltage used in your area. If you should move, or if any doubt exists, please contact your dealer for instructions. The main supply voltage required by your electronic product is printed on the name plate. For name plate location, see "PREPARATION" item.
3. This product may be equipped with a polarized line plug (one blade wider than the other). If you are unable to insert the plug into the outlet, contact an electrician to have your obsolete outlet replaced. Do **NOT** defeat the safety purpose of the plug. Yamaha products not having polarized plugs incorporate construction methods and designs that do not require line plug polarization.
4. **WARNING-Do NOT** place objects on your electronic product's power cord or place the unit in a position where anyone could trip over, walk over, or roll anything over cords of any kind. Do **NOT** allow your electronic product or its bench to rest on or be installed over cords of any type. Improper installations of this type create the possibility of a fire hazard and/or personal injury.
5. **Environment:** Your electronic product should be installed away from heat sources such as a radiator, heat registers and/or other products that produce heat. Additionally, the unit should not be located in a position that exposes the cabinet to direct sunlight, or air currents having high humidity or heat levels.
6. Your Yamaha electronic product should be placed so that its location or position does not interfere with its proper ventilation.
7. Some Yamaha electronic products may have benches that are either a part of the product or supplied as an optional accessory. Some of these benches are designed to be dealer assembled. Please make sure that the bench is stable before using it. The bench supplied by Yamaha was designed for seating only. No other uses are recommended.
8. Some Yamaha electronic products can be made to operate with or without the side panels or other components that constitute a stand. These products should be used only with the components supplied or a cart or stand that is recommended by the manufacturer.
9. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
10. Do not use your Yamaha electronic product near water or in wet environments. For example, near a swimming pool, spa, or in a wet basement.
11. Care should be taken so that objects do not fall, and liquids are not spilled, into the enclosure through openings.
12. Your Yamaha electronic product should be serviced by a qualified service person when:
 - a. The power-supply cord or plug has been damaged; or
 - b. Objects have fallen, or liquid has been spilled into the product; or
 - c. The product has been exposed to rain; or
 - d. The product does not operate, exhibits a marked change in performance; or
 - e. The product has been dropped, or the enclosure of the product has been damaged.
13. When not in use, always turn your Yamaha electronic product "OFF". The power-supply cord of the product should be unplugged from the outlet when it is to be left unused for a long period of time. Notes: In this case, some units may lose some user programmed data. Factory programmed memories will not be affected.
14. Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.
15. **Electromagnetic Interference (RFI).** This series of Yamaha electronic products utilizes digital (high frequency pulse) technology that may adversely affect Radio/TV reception or the operation of other devices that utilize digital technology. Please read FCC Information (page 179) for additional information.

**PLEASE KEEP THIS MANUAL
FOR FUTURE REFERENCE!**

Clavinova CVP-75 Quick Operation Guide

■ Voice List

Panel Voices — Voices 13-60

PIANO	13 BRASS	25 STRINGS SOFT	37 SYNTH CRYSTAL	49 UPRIGHT BASS SOFT
CLAVINOVA TONE	14 POP BRASS	26 VIOLIN	38 CELESTA	50 ELEC BASS SOFT
E.PIANO	15 TRUMPET	27 VIOLIN HARD	39 MARIMBA	51 ELEC BASS HEAVY
HARPSICHORD	16 MUTE TRUMPET	28 FULL ORGAN	40 FOLK GUITAR	52 SYNTH BASS
VIBES	17 HORN	29 JAZZ ORGAN 1	41 JAZZ GUITAR 1	53 TIMPANI/ORCH.HIT
GUITAR	18 SAXOPHONE SOLO	30 SYNTH BRASS	42 JAZZ GUITAR 2	54 BASSOON
STRINGS	19 SAXOPHONE SOFT	31 SYNTH WOOD	43 ROCK GUITAR 1	55 CHAMBER STRINGS
ORGAN	20 CLARINET	32 SYNTH STRINGS	44 ROCK GUITAR 2	56 JAZZ ORGAN 2
CHOIR	21 OBOE	33 SYNTH CHOIR	45 MUTE GUITAR	57 ROCK GUITAR 3
UPRIGHT BASS	22 FLUTE	34 PIANO BRIGHT	46 BANJO	58 COSMIC 1
ELEC BASS	23 ACCORDION	35 PIANO SOFT	47 PIZZICATO	59 COSMIC 2
DRUMS	24 HARMONICA	36 E.PIANO DX	48 HARP	60 COSMIC 3

■ Style List

Panel Styles — Disk Styles

POP 1	SLOW ROCK	BOSSA	1 AMERICAN POP	11 BLUES SHUFFLE	21 REGGAE	31 NEW AGE
POP 2	SHUFFLE	SAMBA	2 60'S	12 CONTEMPORARY	22 LATIN POP	32 COUNTRY SHUFFLE
DANCE POP 1	COUNTRY 1	CHA-CHA	3 SOUL ROCK	13 DIXIE	23 LATIN ROCK	33 FOLKLORE
DANCE POP 2	COUNTRY 2	RHUMBA	4 16 BEAT	14 RAGTIME	24 CHA-CHA	34 JAPANESE POP 1
16 BEAT 1	SWING 1	MARCH	5 ROCK BALLAD	15 TANGO 1	25 WALTZ	35 JAPANESE POP 2
16 BEAT 2	SWING 2	MARCH 6/8	6 COUNTRY ROCK	16 TANGO 2	26 VIENNESE WALTZ	36 JAPANESE POP 3
ROCK'N'	BIG BAND	WALTZ	7 PIANO BALLAD	17 LAMBADA	27 CHANSON	37 JAPANESE POP 4
16 BEAT 3	BOOGIE	J.WALTZ	8 SOLO PIANO	18 SAMBA	28 POLKA	38 ENKA 1
			9 RHYTHM & BLUES	19 BOSSA 1	29 HAWAIIAN	39 ENKA 2
			10 GOSPEL	20 BOSSA 2	30 CALYPSO	40 ONDO

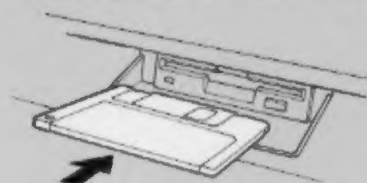
■ Quick Operation Guide

Function		Hold	+	Press	Manual Page			
					Eng.	Ger.	Fre.	Spa.
Select Voice 13-60		[VOICE 13-60]		+ TEMPO [▲]/[▼]				
		[DRUMS]		+ Voice 10 Key	14	56	98	140
Transpose	Up	[MIDI/TRANPOSE]		+ TEMPO [▲]	18	60	102	144
	Down	[MIDI/TRANPOSE]		+ TEMPO [▼]				
Pitch Control	Up	[A-1, B-1] keys		+ [C3 ~ B3] key				
	Down	[A-1, A#-1] keys		+ [C3 ~ B3] key	19	61	103	145
	Normal	[A-1, A#-1, B-1] keys		+ [C3 ~ B3] key				
Touch Sensitivity	Hard	[MIDI/TRANPOSE]		+ [POP 1]				
	Medium	[MIDI/TRANPOSE]		+ [DANCE POP 1]	18	60	102	144
	Soft	[MIDI/TRANPOSE]		+ [16 BEAT 1]				
Reverb Depth		[REVERB]		+ TEMPO [▲]/[▼]	17	59	101	143
Split Point	Voice Split	[SPLIT]		+ Desired Key	16	58	100	142
	ABC Split	[SINGLE FINGER] or [FINGERED]		+ Desired Key	23	65	107	149
Dual/Split Volume Balance	Lowest-numbered voice Up Left voice Up	[SPLIT]		+ TEMPO [▼]	15, 16	57, 58	99, 100	141, 142
	Highest-numbered voice Up Right voice Up	[SPLIT]		+ TEMPO [▲]				
Keyboard Volume		[MIDI/TRANPOSE]		+ BASS Volume	12	54	96	138
Vibrato/Pitch Bend/Expression		[MIDI/TRANPOSE]		+ [MARCH]				
		Vibrato Bend Up Bend Down Expression		RHYTHM Volume CHORD 1 Volume CHORD 2 Volume BASS Volume	13	55	97	139
Solo Styleplay Harmonization Variations		[SOLO STYLEPLAY]		+ TEMPO [▲]/[▼]	27	69	111	153

How to use the Disk Orchestra System

Listening to the Automatic Performance

Manual Page Eng. 27 Ger. 69 Fre. 111 Spa. 153



Insert the "Disk Orchestra Collection" disk.



Select a song.

● All songs repeat

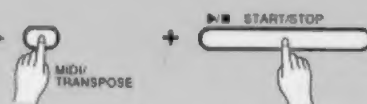


Select "ALL".

● Sequential repeat playback

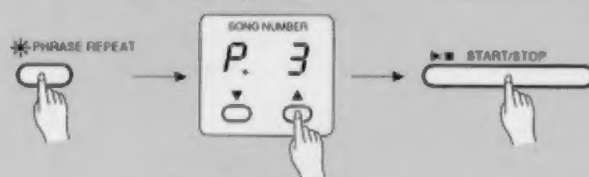


Select a song.



Phrase Repeat

Manual Page Eng. 29 Ger. 71 Fre. 113 Spa. 155



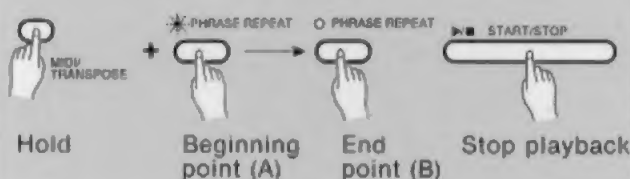
Select the phrase number.

A-B Repeat

Manual Page Eng. 29 Ger. 71 Fre. 113 Spa. 155



Start playback

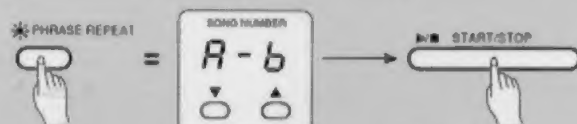


Hold

Beginning point (A)

End point (B)

Stop playback



Start playback

Playing Back only Specific Parts

Manual Page Eng. 28 Ger. 70 Fre. 112 Spa. 154

○ LEFT ON



Left-hand part ON (LED lights) or OFF

○ RIGHT ON



Right-hand part ON (LED lights) or OFF

○ ORCH ON



Orchestra part ON (LED lights) or OFF

Volume Control

Manual Page Eng. 28 Ger. 70 Fre. 112 Spa. 154



Drum and Percussion parts

Other backing parts except Bass

Main left- and right-hand parts

Bass part

Guide Function

Manual Page Eng. 28 Ger. 70 Fre. 112 Spa. 154

★ GUIDE



After turning [GUIDE] ON

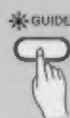
Left- and right-hand guide = ★ LEFT ON ★ RIGHT ON

Right-hand guide only = ★ LEFT ON ○ RIGHT ON

Left-hand guide only = ○ LEFT ON ★ RIGHT ON

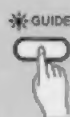
● Guide Modes

Normal Wait (default)



A-1 Key

Delayed Wait



B-1 Key

YAMAHA

Clavinova **CVP-75**

Owner's Guide

Page 2 — 43

English

Bedienungsanleitung

Seite 44 — 85

Deutsch

Manuel d'instructions

Pages 86 — 127

Français

Manual del Propietario

Páginas 128 — 169

Español

Introduction

Thank you for choosing a Yamaha CVP-75 Clavinova. Your Clavinova is a fine musical instrument that employs advanced Yamaha music technology. With the proper care, your Clavinova will give you many years of musical pleasure.

Main Features

- A wealth of 60 vibrant, realistic voices.
 - 24 internal styles and 40 disk styles for rhythm or Auto Bass Chord accompaniment let you play in just about any musical style.
 - Disk Orchestra Collection software compatibility lets you enjoy listening to and practicing with Disk Orchestra Collection music.
 - Digitally record and play back your own performances, and use overdubbing techniques to build up complex musical compositions and arrangements.
-
- AWM (Advanced Wave Memory) tone generator system offers a range of 60 rich, realistic voices.
 - Stereo sampling of the acoustic piano voices offers unmatched realism and expressive power.
 - By using samples taken at different keyboard velocities and a special velocity crossfading playback technique, keyboard response affords rich, natural musical expression.
 - A maximum of 32-note polyphony permits use of sophisticated playing techniques.
 - Piano-like touch response — adjustable in 3 stages — provides extensive expressive control and outstanding playability.
 - Dual and split play modes allow 2 voices to be played simultaneously or individually with the left and right hands.
 - Unique Clavinova Tone voice provides a fresh sound for new musical expression.
 - 24 exciting accompaniment styles can be used to provide fully-orchestrated rhythm, bass, and chord accompaniment.
 - The supplied Style Disk contains 40 styles, 2 of which can be loaded into the CVP-75 and used in the same ways as the 24 internal styles.
 - A Custom Rhythm feature allows you to create 12 original rhythm patterns that can be later recalled and played at any time, just like the presets.
 - Solo Styleplay makes it simple to produce rich, complex harmonies.
 - 10-track performance memory records and plays back your keyboard performances.
 - A Pan feature allows different voices to be panned to different stereo positions during performance memory recording for a broad, spacious sound.
 - Internal 3.5" floppy disk drive provides extended Performance Memory capacity and Disk Orchestra playback capability.
 - Yamaha Disk Orchestra Collection software can help you to learn music while having fun. The CVP-75 even has keyboard guide lamps that show you which keys to play.
 - MIDI compatibility and a range of MIDI functions make the Clavinova useful in a range of advanced MIDI music systems.

In order to make the most of your Clavinova's performance potential and features, we urge you to read this Owner's Guide thoroughly, and keep it in a safe place for later reference.

Contents

Taking Care of Your Clavinova	3	Rhythm	20
Nomenclature	4	Plano ABC	22
Quick Feature Guide	6	Custom Rhythm	24
Connections	11	Style Disk	25
The Music Stand	12	Solo Styleplay	26
The Power Switch	12	Disk Orchestra	27
The Volume Controls	12	Performance Memory	30
Demonstration Playback	13	Disk Control	33
Voice Selection	14	Registration Memory	35
Dual Mode	15	MIDI Functions	35
Split Mode	16	Troubleshooting	39
Digital Reverb Effects	17	Options & Expander Modules	39
The Keyboard & Polyphony	17	MIDI Data Format	39
The Pedals	17	Index	42
Touch Sensitivity	18	Assembly	170
Transposition	18	Specifications	172
Pitch Control	19	Fingering Chart	173
Individual Key Tuning	19	MIDI Implementation Chart	178

Taking Care of Your Clavinova

Your Clavinova will give you years of playing pleasure if you observe the simple rules given below:

1. Avoid Humidity & Heat

Avoid placing the Clavinova in areas that are subject to excessive humidity or heat. Do not leave the instrument near heaters or in a car exposed to direct sunlight, for example.

2. Avoid Dust & Moisture

Avoid locations in which the instrument is likely to be exposed to excessive dust or moisture.

3. Power-off Before Connecting

Connections between the Clavinova and any other device must be made with both pieces of equipment turned off.

4. Handle With Care

Never apply excessive force to the controls, connectors or other parts of your Clavinova, and avoid scratching or bumping it with hard objects. Further, always turn the POWER switch off after use.

5. Clean Carefully

Clean the cabinet and keys of your Clavinova only with a clean, slightly damp cloth. A neutral cleanser may be used if desired. Never use abrasive cleansers, waxes, solvents or chemical dust cloths since these can dull or damage the finish.

6. Never Tamper With the Internal Circuitry

Never open the Clavinova cabinet and touch or tamper with the internal circuitry. Tampering with the circuitry can result in electrical shock!

7. Electric Interference

Since the Clavinova contains digital circuitry, it may cause interference if placed too close to radio or television receivers. If this occurs, move the instrument further away from the affected equipment.

8. Check Your Power Supply

Make sure that your local AC mains voltage matches the voltage specified on the name plate on the bottom panel. In some areas a voltage selector may be provided on the bottom panel of the main keyboard unit, toward the rear panel. Make sure that the voltage selector is set for the voltage in your area.

● Name Plate Location

The nameplate is located on the bottom panel, toward the rear panel.

Eject Floppy Disks Carefully

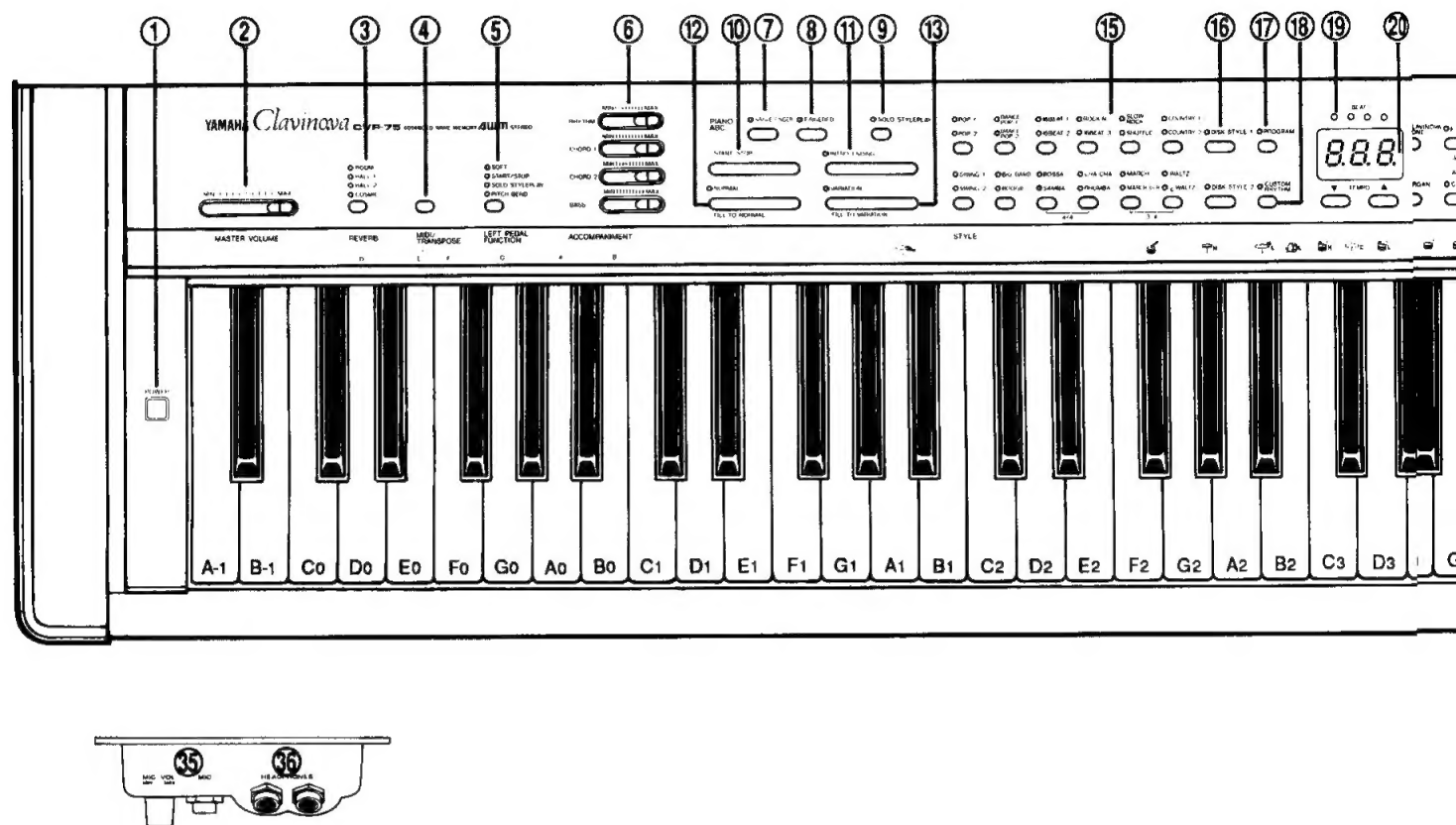
To eject a floppy disk, press the eject button slowly as far as it will go then, when the disk is fully ejected, remove it by hand.

The disk may not be ejected properly if the eject button is pressed too quickly, or it is not pressed in as far as it will go (the eject button may get stuck in a half-pressed position and the disk extends from the drive slot by only a few millimeters). If this happens, do not attempt to pull out the partially-ejected disk. Using force in this situation can damage the disk-drive mechanism. To remove a partially ejected disk, try pressing the eject button again, or push the disk back into the slot and then repeat the eject procedure — carefully.

Caution: Foreign Objects May Damage the Disk Drive

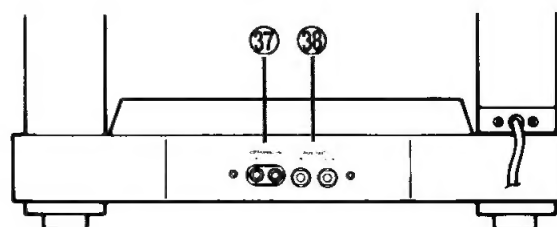
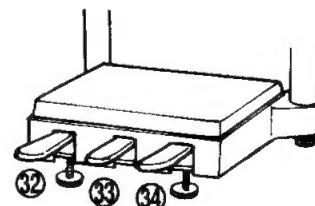
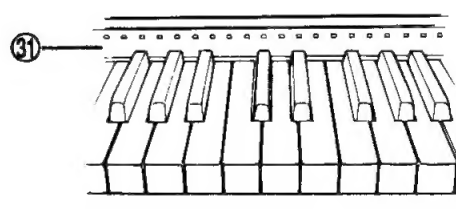
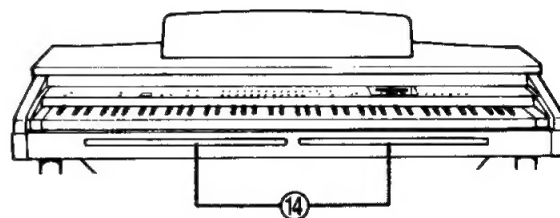
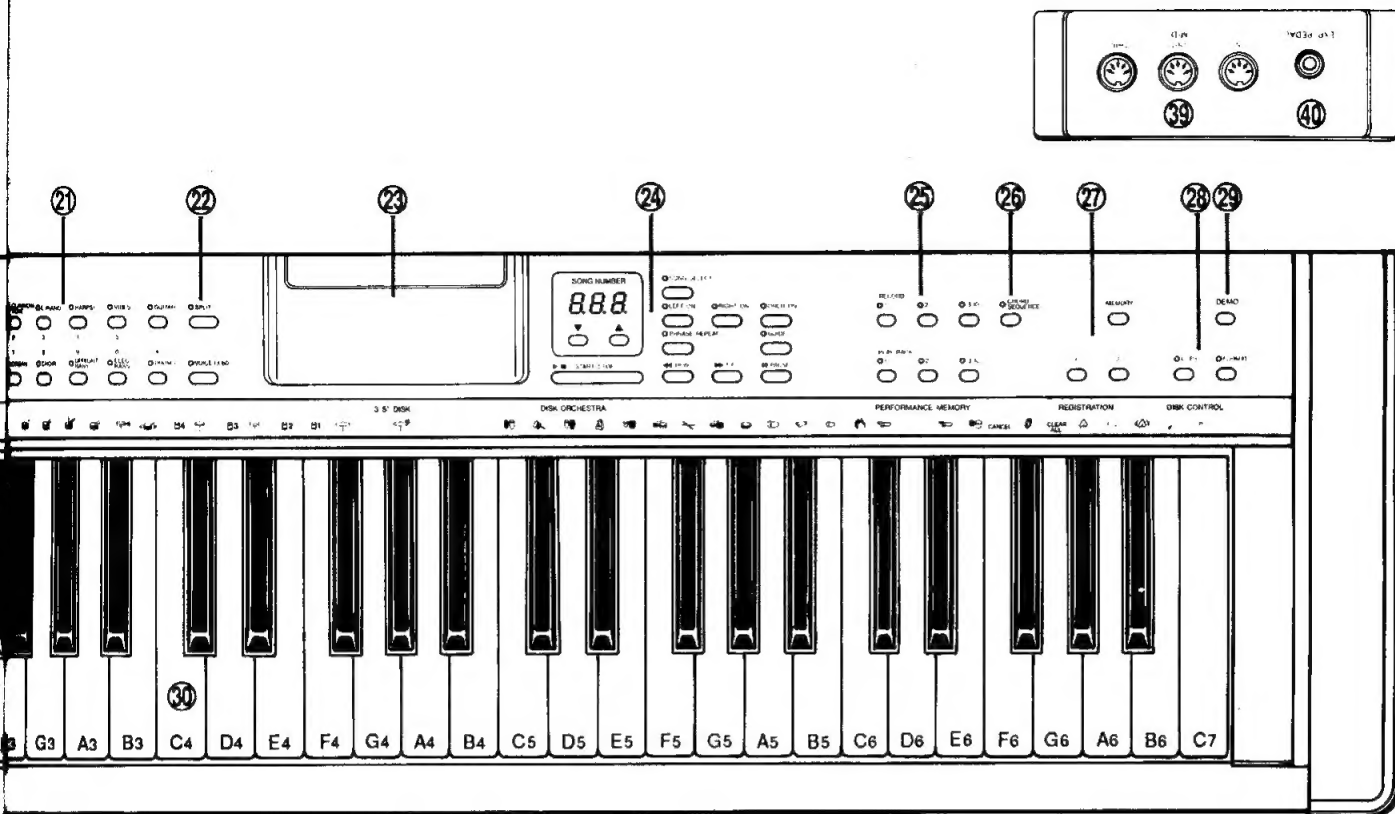
Do not insert anything but floppy disks into the disk drive of the unit, as foreign objects may cause damage to the disk drive or the floppy disk.

Nomenclature



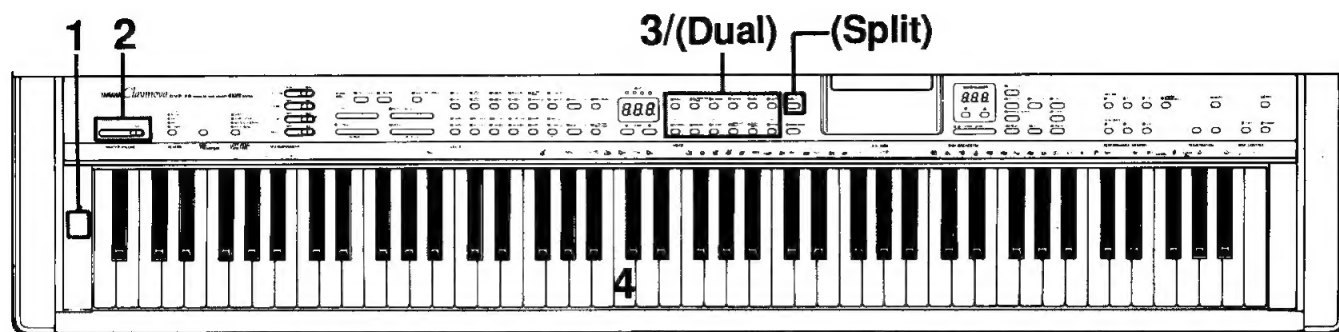
- ① POWER Switchpage 12
- ② MASTER VOLUME Controlpage 12
- ③ [REVERB] Buttonpage 17
- ④ [MIDI/TRANPOSE] Buttonpage 12, 13, 18, 19, 21, 22, 25, 27, 28, 29, 31, 35, 36
- ⑤ [LEFT PEDAL FUNCTION] Buttonpage 17
- ⑥ ACCOMPANIMENT Volume Controlspage 12
- ⑦ PIANO ABC [SINGLE FINGER] Buttonpage 22
- ⑧ PIANO ABC [FINGERED] Buttonpage 22
- ⑨ [SOLO STYLEPLAY] Buttonpage 26
- ⑩ [START/STOP] Buttonpage 20
- ⑪ [INTRO/ENDING] Buttonpage 20
- ⑫ [NORMAL/FILL TO NORMAL] Buttonpage 20
- ⑬ [VARIATION/FILL TO VARIATION] Buttonpage 20
- ⑭ FILL IN Barspage 21
- ⑮ STYLE Selectorspage 20
- ⑯ [DISK STYLE] Buttonspage 25

- ⑰ [PROGRAM] Buttonpage 24
- ⑱ [CUSTOM RHYTHM] Buttonpage 24
- ⑲ BEAT Displaypage 21
- ⑳ TEMPO Display and [▲] and [▼] Buttonspage 20
- ㉑ VOICE Selectorspage 14
- ㉒ [SPLIT] Buttonpage 16, 23
- ㉓ 3.5" Floppy Disk Drivepage 25, 27, 30, 33
- ㉔ DISK ORCHESTRA Display and Buttonspage 25, 27, 29, 33
- ㉕ PERFORMANCE MEMORY Buttonspage 30
- ㉖ [CHORD SEQUENCE] Buttonpage 32
- ㉗ REGISTRATION Buttonspage 35
- ㉘ DISK CONTROL Buttonspage 33
- ㉙ [DEMO] Buttonpage 13
- ㉚ Keyboardpage 17
- ㉛ Keyboard Guide Lampspage 28



- 32 Soft Pedalpage 17
- 33 Sostenuto Pedalpage 17
- 34 Damper Pedalpage 17
- 35 MIC Jack and Volume Controlpage 11
- 36 HEADPHONES Jackspage 11
- 37 OPTIONAL IN R and L Jackspage 11
- 38 AUX. OUT R and L/L+R Jackspage 11
- 39 MIDI Connectorspage 11
- 40 EXP. PEDAL Jackpage 11

Quick Feature Guide

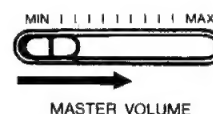


■ Select a Voice & Play

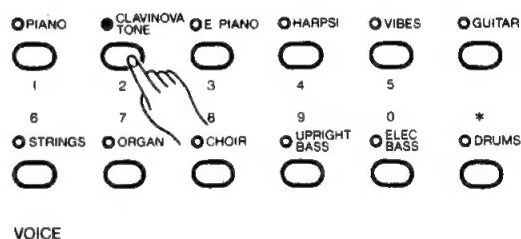
1. Turn the power on *[page 12]*.



2. Set the MASTER VOLUME control about half way between MIN and MAX *[page 12]*.



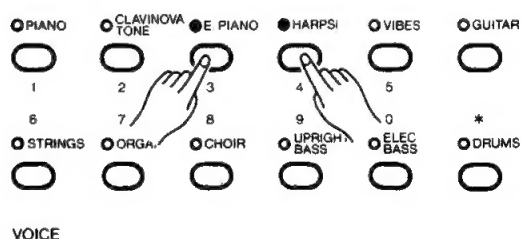
3. Press one of the VOICE selectors *[page 14]*.



4. Play *[page 17]*.

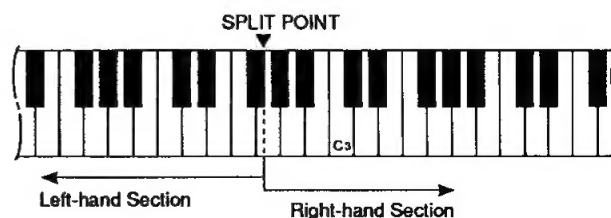
■ Play 2 Voices at Once (Dual)

Press two voice selectors simultaneously so that both of their indicators light *[page 15]*.

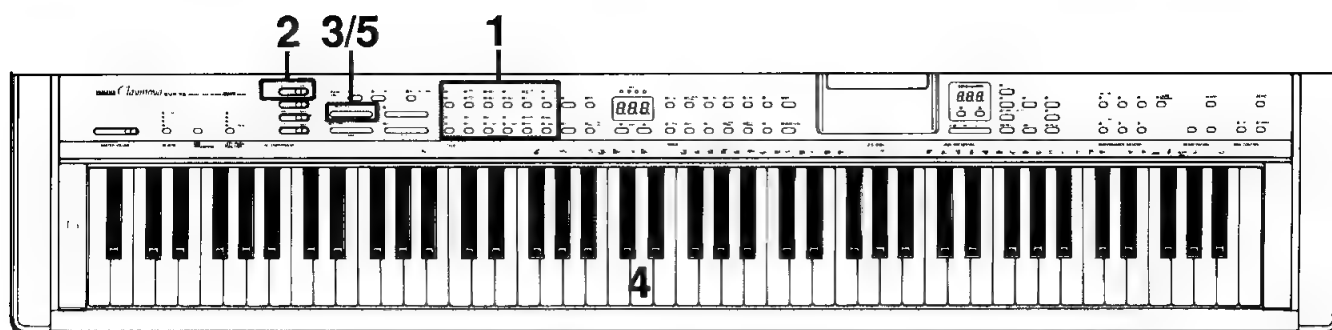


■ Play Different Left- and Right-hand Voices (Split)

Press the [SPLIT] button — UPRIGHT BASS will automatically be assigned to all keys to the left of and including F#2; any selected voice can be played on all keys to the right of F#2 *[page 16]*.

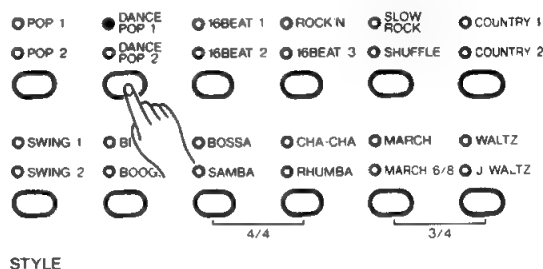


Here's a quick introduction to the features and functions of the CVP-75 that you'll probably use most frequently. Refer to the page numbers in brackets for more detailed information.



■ Play With Rhythm

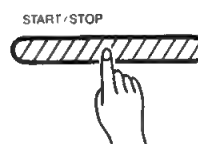
1. Use the STYLE selectors to select a rhythm style *[page 20]*.



2. Set the [RHYTHM] volume control about three-quarters of the way to "MAX" *[page 12]*.

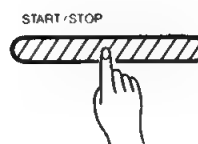


3. Press [START/STOP] *[page 20]*.

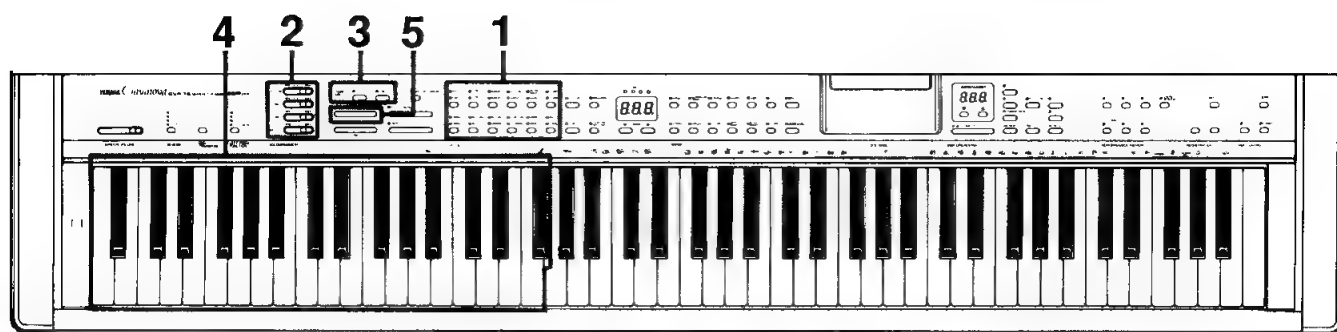


4. Play.

5. Press [START/STOP] to stop the rhythm *[page 21]*.

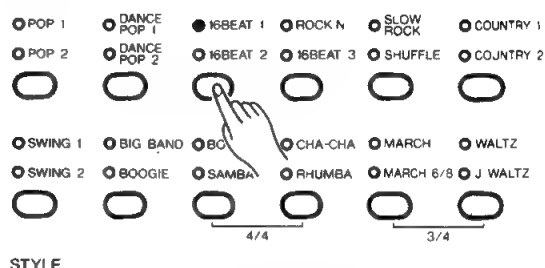


Quick Feature Guide

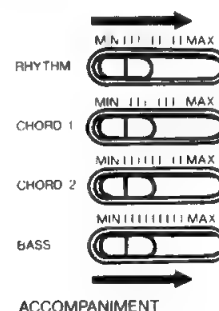


■ Play with Automatic Rhythm, Bass, & Chord Accompaniment (ABC)

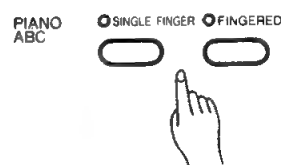
1. Use the STYLE selectors to select a rhythm style *[page 20]*.



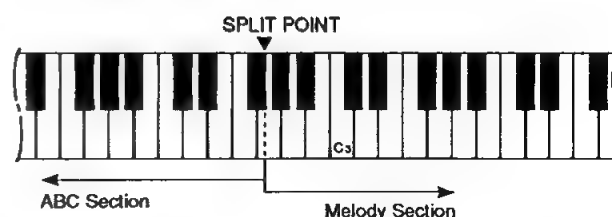
2. Set all ACCOMPANIMENT volume controls about three quarters of the way to "MAX" *[page 12]*.



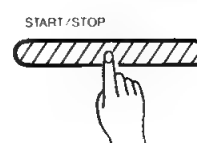
3. Press the [FINGERED] or [SINGLE FINGER] button.

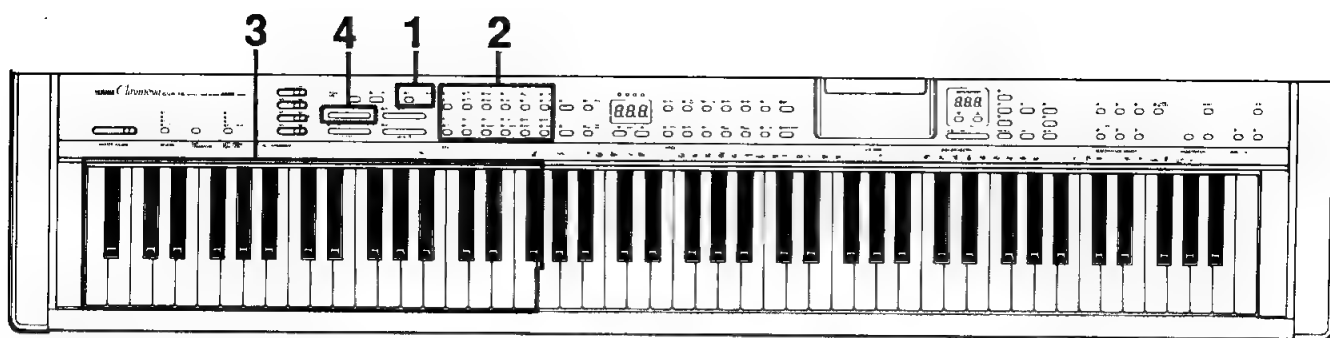


4. Play fingered *[page 22]* or single-finger *[page 22]* chords to the left of the F#2 key and melody to the right *[page 22]*.



5. Press [START/STOP] to stop the accompaniment.





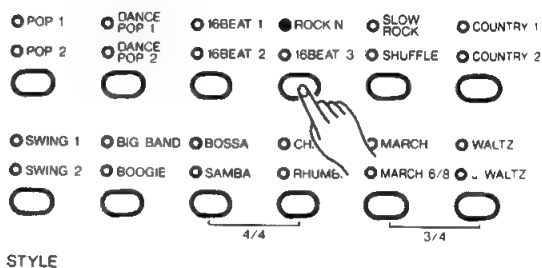
■ Play With ABC & Automatic Harmonization (SOLO STYLEPLAY)

1. Press the [SOLO STYLEPLAY] button [page 26].

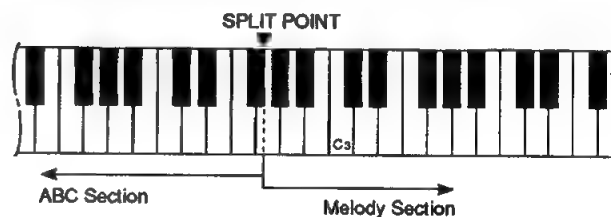
● SOLO STYLEPLAY



2. Select an accompaniment style using the style selectors [page 20].

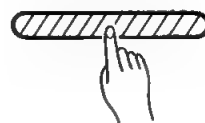


3. Play "single finger" or "fingered" chords [page 22] on the ABC section of the keyboard while playing a single-note melody line on the upper keyboard.

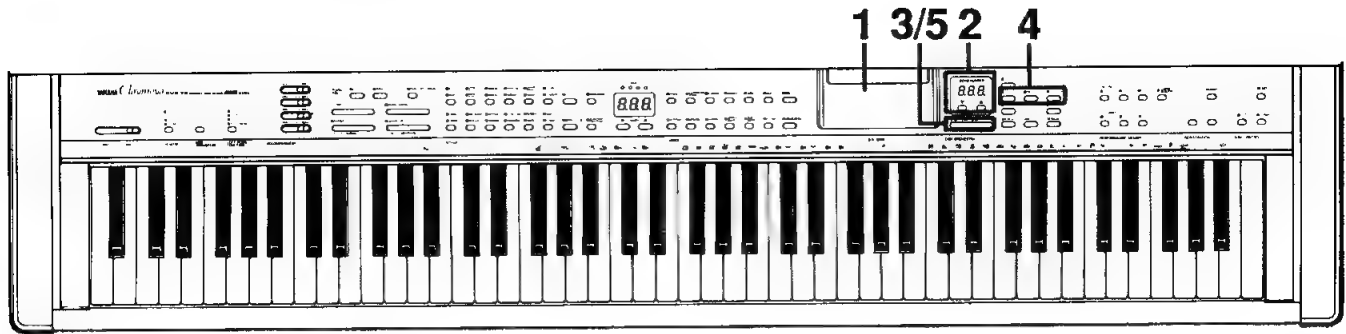


4. Press [START/STOP] to stop.

START STOP

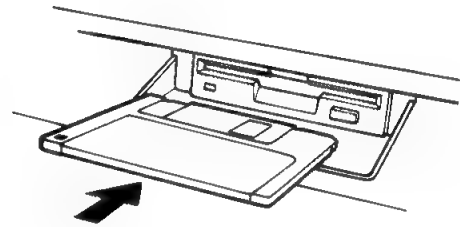


Quick Feature Guide

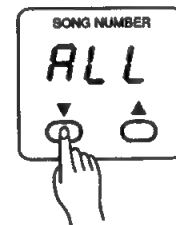


■ Play a "Disk Orchestra" Disk

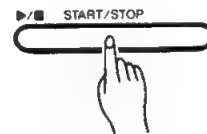
1. Insert the DISK ORCHESTRA disk into the disk drive *[page 27]*.



2. Use the SONG NUMBER [▲] and [▼] buttons below the display to select the desired song number or "ALL" *[page 27]*.



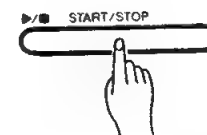
3. Press the DISK ORCHESTRA [START/STOP] button to start playback.



4. Use the [LEFT ON], [RIGHT ON], and [ORCHESTRA ON] buttons to turn the corresponding parts on or off as required *[page 28]*.

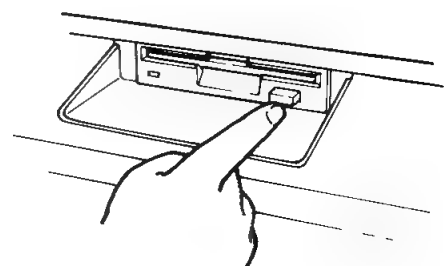


5. Press [START/STOP] to stop playback. When you've finished with the currently loaded disk, simply press the disk drive EJECT button to remove it.



CAUTION:

NEVER eject a disk or turn the power off while:
1) the disk drive lamp is on.
2) the DISK ORCHESTRA function is playing.



Connections

OPTIONAL IN R and L Jacks

These jacks are intended primarily for use with Yamaha Expander Modules such as the EMT-1 FM Sound Box, EMT-10 AWM Sound Box, EMR-1 Drum Box, and DOM-30 Disk Orchestra Module.

In the case of the DOM-30 Disk Orchestra Module, for example, the LINE OUT jacks of the DOM-30 are connected to the Clavinova OPTIONAL IN jacks, allowing the sound of the DOM-30 to be reproduced via the Clavinova's internal amplifier and speaker system. Refer to the Expander Module device owner's manual for further details.



AUX. OUT R and L/L+R Jacks

The AUX. OUT L/L+R and R jacks deliver the output of the Clavinova for connection to an instrument amplifier, mixing console, PA system, or recording equipment. If you will be connecting the Clavinova to a monaural sound system, use only the L/L+R jack. When a plug is inserted into the L/L+R jack only, the left- and right-channel signals are combined and delivered via the L/L+R jack so you don't lose any of the Clavinova's sound.



Note: The AUX. OUT jack signal must never be returned to the OPTIONAL IN jacks, either directly or through external equipment.

MIDI IN, THRU and OUT Connectors

The MIDI IN connector receives MIDI data from an external MIDI device (such as the EMQ-1 Memory Box, DRC-20 Disk Recorder, or DOM-30 Disk Orchestra Module) which can be used to control the Clavinova. The MIDI THRU connector re-transmits any data received at the MIDI IN connector, allowing "chaining" of several MIDI instruments or other devices. The MIDI OUT connector transmits MIDI data generated by the Clavinova (e.g. note and velocity data produced by playing the Clavinova keyboard).

More details on MIDI are given in "MIDI FUNCTIONS" on page 35.



EXP. PEDAL Jack

An optional Yamaha EP-1 Expression Pedal can be connected to this jack to allow foot expression (swell) control. Please note that the expression pedal does not apply to the rhythm/accompaniment sound.



HEADPHONES Jacks

One or two standard pairs of stereo headphones can be plugged in here for private practice or late-night playing. The internal speaker system is automatically shut off when a pair of headphones is plugged into either or both of the HEADPHONES jacks.



MIC Jack and VOL. Control

A standard microphone with a mono 1/4" phone plug can be connected to the MIC jack. The microphone sound is then mixed with the Clavinova sound and delivered via the Clavinova's speakers. The VOL. control can be used to adjust the microphone volume.

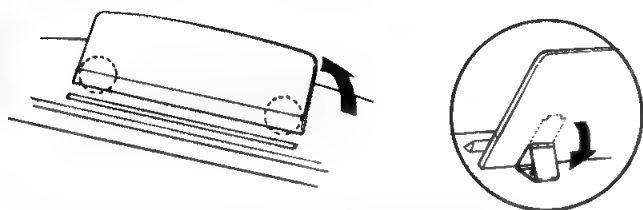
- The digital reverb effects cannot be applied to the microphone sound.



The Music Stand

If you will be using sheet music with your Clavinova, raise the music stand built into it's top panel by lifting the rear edge of the music stand, flip the support brackets on the rear of the music stand down so that they fit into the corresponding recesses.

The music stand can be lowered after slightly lifting the stand and flipping the two brackets which support it upward.



The Power Switch

After making sure that the Clavinova's AC plug is properly inserted into a convenient AC wall outlet, press the [POWER] switch located to the left of the keyboard once to turn the power on. Press the [POWER] switch again to turn the power off.

When the power is initially turned ON, the PIANO voice selector LED will light, the POP 1 style selector LED will light, and a "86" will appear on the TEMPO display.

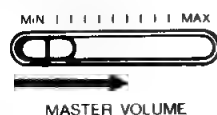


The Volume Controls

MASTER VOLUME

The MASTER VOLUME control adjusts the overall volume of sound produced by the Clavinova. It also adjusts headphone volume when one or two pairs of headphones are plugged into the HEADPHONES jacks.

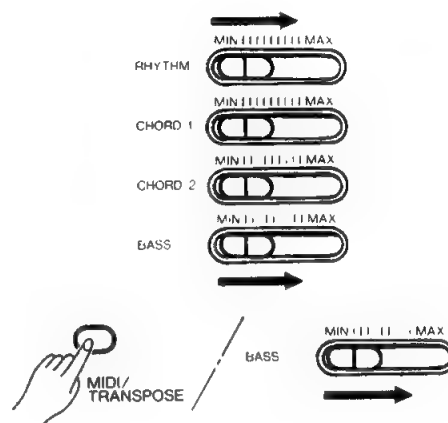
Initially set the MASTER VOLUME control about half way between the "MIN" and "MAX" settings. Then, when you start playing, adjust the control for the most comfortable listening level.



ACCOMPANIMENT

Separate volume controls are provided for the rhythm, chord 1, chord 2, and bass sound. These volume controls let you set up the best balance between the various accompaniment parts when the PIANO ABC feature is used, and the RHYTHM volume control can be used to balance the keyboard and rhythm sound when only rhythm is used.

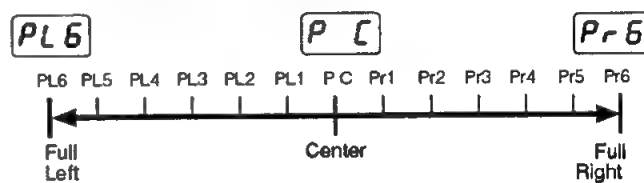
The volume of the keyboard can be independently adjusted by using the [BASS] control while holding the [MIDI/TRANPOSE] button — this is particularly handy for adjusting the balance when recording the Clavinova sound.



PAN

The pan position of the voice played on the keyboard can be adjusted by moving the RHYTHM volume control while holding the [MIDI/TRANPOSE] button. The pan position is shown on the TEMPO display, from "PL6" for full left at the "MIN" control position, through "P C" for center, to "Pr6" for full right at the "MAX" control position. This can be used to produce a broader ensemble sound with the CVP-75 Performance Memory multitrack recording feature.

The pan settings are as follows:



Each voice has a keyboard scale pan (indicated by "P d" on the TEMPO display) which is automatically set when the power is first turned on.

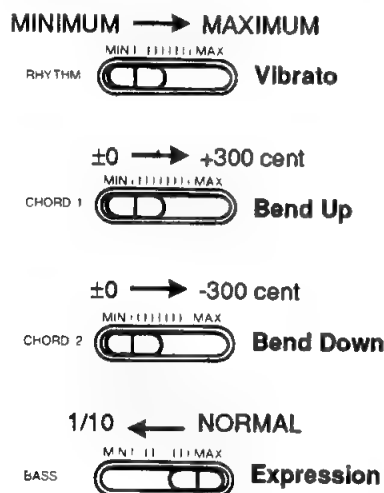


- The "P d" keyboard scale pan default for all voices places the treble-register sound to the right and the bass-register sound to the left. Using a different PAN setting places the entire voice, low and high notes included, at the same position.

Demonstration Playback

VIBRATO, PITCH BEND, & EXPRESSION CONTROL MODE

By pressing the [MARCH] style selector while holding the [MIDI/TRANPOSE] button, the RHYTHM, CHORD 1, CHORD 2, and BASS volume controls are assigned to control vibrato, upward pitch bend, downward pitch bend, and expression, respectively. In this mode the RHYTHM control produces minimum vibrato when set to its minimum position, and maximum vibrato for the current voice (some voices do not have vibrato) when set to its maximum position. The CHORD 1 and CHORD 2 controls produce normal pitch when set to their minimum positions, and increase/decrease the pitch by a maximum of 300 cents (a cent is 1/100th of a semitone) at their maximum positions. The BASS control produces normal volume at its maximum position, and reduces volume to about 1/10 when moved to its minimum position.



Press [MARCH] while holding [MIDI/TRANPOSE] again to restore normal operation (the volume levels will not change regardless of the control settings).

The Internal Amplifier & Speaker System

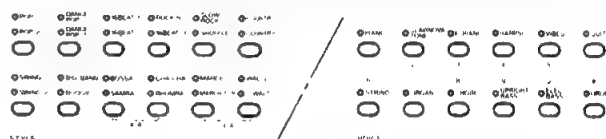
The CVP-75 features a powerful stereo amplifier delivering 60 watts per channel, driving a unique Yamaha speaker system that puts out exceptionally rich sound with natural response from powerful lows to shimmering highs. The speaker system includes four 13-centimeter speaker units and two 10-centimeters speaker units, plus two 5-centimeters speaker units.

The CVP-75 features 24 demonstration tunes that effectively demonstrate its sound and accompaniment capabilities. Here's how you can select and play the demo tunes.

1. Press the [DEMO] button.



2. The 24 demo tunes are selected via the RHYTHM and VOICE selectors — the corresponding selector indicators light when the [DEMO] button is pressed. Press a selector to start playback of the corresponding tune. You can also select continuous repeat playback of all demo tunes by pressing the [START/STOP] button.



3. Use the MASTER VOLUME control to adjust the volume, and play along on the keyboard if you like.



4. Demo playback can be stopped temporarily by pressing the [START/STOP] button. Press the [DEMO] button when you want to stop demo playback and return to the normal mode.



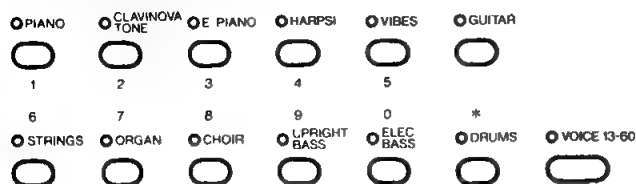
Demo Tunes

[PIANO]	F. F. Chopin	Fantaisie-impromptu Op. 66
[CLAVINOVA TONE]	C. A. Debussy	Rêverie
[HARPSICHORD]	J. S. Bach	Italian Concert BWV971
[STRINGS]	J. S. Bach	Air on the G-string
[ORGAN]	Saint-Saëns	Symphony No. 3 Op. 78
[CHOIR]	J. S. Bach	Jesu, Joy Of Man's Desiring

• The demonstration pieces listed above are short excerpts from the original compositions. All other demo songs are original (© 1991 by YAMAHA CORPORATION).

Voice Selection

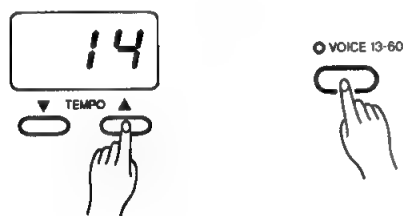
The CVP-75 has a total of 60 different voices, 12 of which can be directly accessed by pressing the corresponding VOICE selector.



The remaining 48 voices can be selected in two different ways.

1. Using the [VOICE 13-60] button and the TEMPO [▲] and [▼] buttons.

Use the TEMPO [▲] and [▼] buttons to select a voice number between 13 and 60 while pressing the [VOICE 13-60] button (the voice number will appear on the TEMPO display).

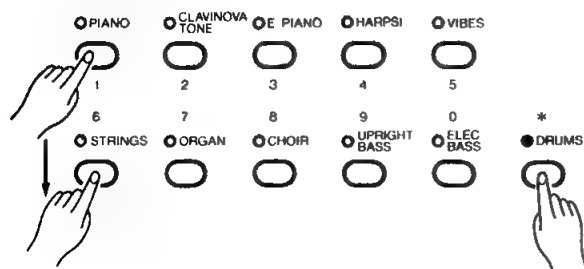


2. Using the VOICE selectors.

Enter the number of the desired voice via the voice selectors (note that each voice selector has a number between 1 and 0 associated with it) while pressing the [DRUMS] selector.

To select voice number 16, for example, press and hold [DRUMS], press [PIANO/1], then [STRINGS/6], then release the [DRUMS] button. The [VOICE 13-60] button LED will light whenever a voice number between 13 and 60 is selected.

If a voice between 1 and 12 is then selected, pressing the [VOICE 13-60] button will recall the previously selected voice in this range (the [VOICE 13-60] button will initially select voice number 13 BRASS after the power is turned on).



Voices 13 — 60

No.	Voice	Usable Range
13	BRASS	F0 - C6
14	POP BRASS	F0 - C6
15	TRUMPET	F0 - C6
16	MUTE TRUMPET	F#2 - A5
17	HORN	A#0 - F4
18	SAXOPHONE	A#0 - F#5
19	SAXOPHONE SOFT	A#0 - F#5
20	CLARINET	D2 - A#5
21	OBOE	A#2 - G5
22	FLUTE	G2 - F#6
23	ACCORDION	F2 - A5
24	HARMONICA	C3 - C6
25	STRINGS SOFT	C0 - C6
26	VIOLIN	C0 - C6
27	VIOLIN HARD	C0 - C6
28	FULL ORGAN	C0 - C6
29	JAZZ ORGAN 1	C1 - C6
30	SYNTH BRASS	C1 - C6
31	SYNTH WOOD	C2 - F#6
32	SYNTH STRINGS	C0 - C6
33	SYNTH CHOIR	E1 - E5
34	PIANO BRIGHT	—
35	PIANO SOFT	—
36	E. PIANO DX	C1 - C6
37	SYNTH CRYSTAL	C2 - C6
38	CELESTA	C2 - C6
39	MARIMBA	C2 - C6
40	FOLK GUITAR	E1 - A4
41	JAZZ GUITAR 1	E1 - A4
42	JAZZ GUITAR 2	E1 - A4
43	ROCK GUITAR 1	E1 - A4
44	ROCK GUITAR 2	E1 - A4
45	MUTE GUITAR	E1 - A4
46	BANJO	C3 - A5
47	PIZZICATO	C1 - C6
48	HARP	C1 - C6
49	UPRIGHT BASS SOFT	C0 - F#3
50	ELEC BASS SOFT	E0 - F#3
51	ELEC BASS HEAVY	E0 - F#3
52	SYNTH BASS	E0 - F#3
53	TIMPANI/ORCH. HIT	E0 - C2/G2 - C6
54	BASSOON	A#0 - D4
55	CHAMBER STRINGS	C1 - C6
56	JAZZ ORGAN 2	C1 - C6
57	ROCK GUITAR 3	E1 - A4
58	COSMIC 1	G0 - C6
59	COSMIC 2	G0 - C6
60	COSMIC 3	G0 - C6

- When the DRUMS voice is selected, keys with drum or percussion symbols printed above them will sound.
- The PIANO voice is automatically selected when the power is initially turned on.

Keyboard Percussion

When the DRUMS voice selector is pressed (its indicator will light), you can play different drum and percussion instruments on the keyboard. The percussion instruments are marked by symbols above the keys.



Dual Mode

The CVP-75 actually provides four different drum "banks." Bank 1 contains 41 acoustic sounds. Bank 2 contains 50 sounds, 17 of which are processed versions of Bank 1 sounds and 9 of which are extra sounds available only in Bank 2. Banks 3 and 4 contain variations of the Bank 1 sounds having different velocity curves, plus a few extra sounds. The Bank 3 sounds are used for playback of Yamaha Disk Orchestra Collection tunes, and the Bank 4 sounds are used by the ABC automatic accompaniment feature.

The drum banks can be selected manually by using the TEMPO [▲] and [▼] buttons while holding the [DRUMS] button (Bank 1 is selected automatically when the power is turned on). During selection the number of the selected bank will appear on the TEMPO display: "d_1," "d_2," "d_3," or "d_4." The appropriate drum or percussion sounds are automatically selected according to the rhythm pattern played or feature used.

• The TRANSPOSE and PITCH functions described on pages 18 and 19 do not affect the DRUMS sound.

DRUM & PERCUSSION INSTRUMENT KEY ASSIGNMENTS (Bank 1 and Bank 2)

Key	Instrument	Key	Instrument
F#2	BRUSH ROLL (SD ANALOG*)	G#4	CRASH CYMBAL*
G#2	HI-HAT CLOSED HEAVY	C5	CONGA LOW
A#2	CRASH CYMBAL LIGHT*	C#5	CABASA
B2	BASS DRUM LIGHT*	D5	CONGA HIGH
C3	SNARE DRUM + RIM HEAVY*	D#5	METRONE
C#3	RIDE CYMBAL CUP*	E5	BONGO
D3	SNARE DRUM + RIM LIGHT*	F5	TIMBALE LOW
F3	BASS DRUM*	F#5	CLAVES
F#3	RIM SHOT	G5	TIMBALE HIGH
G3	SNARE DRUM HEAVY*	G#5	CASTANETS
G#3	BRUSH SHOT (SD REVERSED*)	A5	CUICA LOW
A3	SNARE DRUM LIGHT*	A#5	COWBELL
A#3	HI-HAT PEDAL	B5	CUICA HIGH
B3	SNARE DRUM ECHO*	C6	HAND CLAPS
C4	TOM 4*	C#6	AGOGO LOW
C#4	HI-HAT CLOSED	D#6	AGOGO HIGH
D4	TOM 3*	E6	BONGO LOW
D#4	HI-HAT OPEN	F#6	TAMBOURINE
E4	TOM 2*	G#6	TRIANGLE CLOSED
F4	TOM 1*	A#6	TRIANGLE OPEN
F#4	RIDE CYMBAL*	—	—

• Voices marked with an asterisk (*) are processed when Bank 2 is selected.

Additional Bank 2 Instruments

* No symbols above the keys.

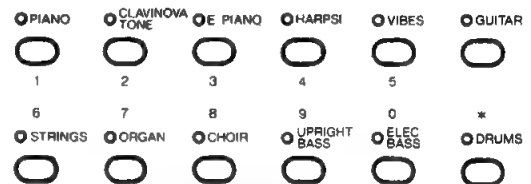
Key	Instrument	Key	Instrument
A#1	BELL TREE	A4	ELECTRONIC TOM 2
C#2	ORCHESTRAL CYMBAL	A#4	REVERSED CRASH CYMBAL
F2	BASS DRUM ANALOG	B4	ELECTRONIC TOM 1
G2	NOISE PERCUSSION	D6	FINGER SNAP
G4	ELECTRONIC TOM 3	—	—

• Cymbals can be muted by pressing the A1 key.

• Bank 2 contains some percussion voices that are not available on other CVP-series instruments. If performance memory data using the Bank 2 voices is played on a CVP-55 or CVP-65, the percussion voices, and therefore the image of the piece, may change.

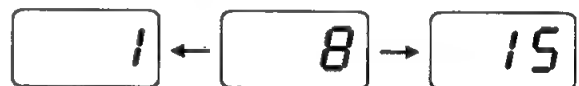
The DUAL mode makes it possible to play two voices simultaneously across the entire range of the keyboard. To activate the DUAL mode simply press two voice selectors at the same time — or press one voice selector while holding another. The currently selected voice (13-60) can be "dualled" with one of the panel voices by pressing the [VOICE 13-60] button and a voice selector at the same time (two voices in the 13-60 range cannot be combined).

The voice indicators of both selected voices will light when the DUAL mode is active. To return to the normal single-voice play mode, press any single voice selector.



Dual-mode Voice Balance

The volume balance between the two voices combined in the DUAL mode can be adjusted by using the TEMPO [▲] and [▼] buttons while holding the [SPLIT] button. The selected balance value (1 ... 15) will be shown on the TEMPO display while the TEMPO [▲] and [▼] buttons are held.

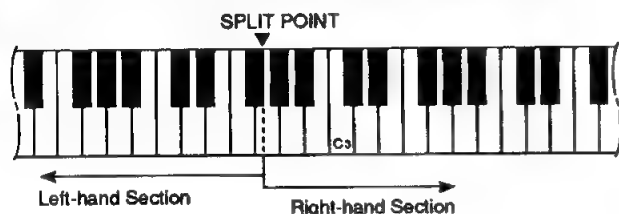


- A setting of "1" sets the volume of the lowest-numbered voice to maximum and the highest-numbered voice to minimum.
- A setting of "8" sets both voices to the same volume (this is the default balance setting, and can be recalled at any time by pressing the TEMPO [▲] and [▼] buttons simultaneously).
- A setting of "15" sets the volume of the highest-numbered voice to maximum and the lowest-numbered voice to minimum.

NOTE: The dual mode cannot be used when the DRUMS voice is selected. Also, the dual and split modes cannot be used at the same time.

Split Mode

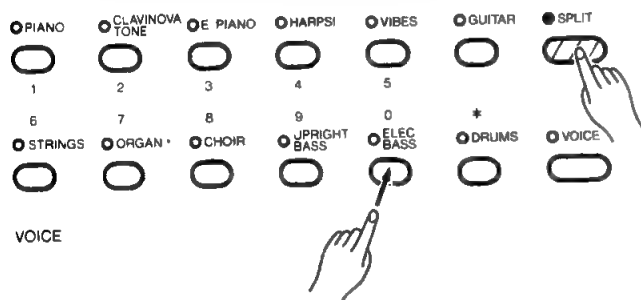
When the [SPLIT] button is pressed and its indicator lights, the keyboard is split into left- and right-hand sections and different voices can be assigned to each (any of the CVP-75 voices can be used). The split point is initially set at the F#2 key when the power is turned on, and the UPRIGHT BASS voice is initially assigned to the left-hand section of the keyboard (all keys up to and including F#2). The voice that was selected when the SPLIT mode was engaged is assigned to the right-hand section of the keyboard. The current settings are retained if the SPLIT mode is turned off and on while the power remains on.



Changing Voices

The right-hand voice can be changed simply by pressing the appropriate voice selector.

The left-hand voice can be changed by pressing a voice selector while holding the [SPLIT] button.

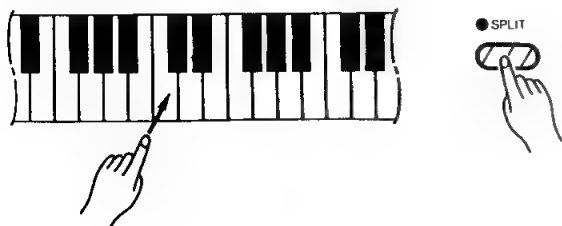


- The all voices except BASS and DRUMS are shifted up one octave when assigned to the lower section of the keyboard.

Changing the Split Point

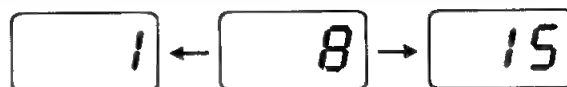
The split point can be set at any key by pressing the desired key while holding the [SPLIT] button. A guide lamp will indicate the selected split point.

The default split point — F#2 — will always be set automatically whenever the power is initially turned ON.



Split Balance

The volume balance between the left-hand and right-hand voices can be adjusted by using the TEMPO [▲] and [▼] buttons while holding the [SPLIT] button. The selected balance value (1 ... 15) will be shown on the TEMPO display while the TEMPO [▲] and [▼] buttons are held.



- A setting of "1" sets the volume of the left voice to maximum and the right voice to minimum.
- A setting of "8" sets both voices to the same volume (this is the default balance setting, and can be recalled at any time by pressing the TEMPO [▲] and [▼] buttons simultaneously).
- A setting of "15" sets the volume of the right voice to maximum and the left voice to minimum.

Damper Pedal Operation in the Split Mode

The CVP-75 damper pedal (the right pedal — see "The Pedals" below) can be assigned to the left voice only, the right voice only, or to both voices in the split mode.

- Right Voice Only (default): Press the damper pedal while holding the [SPLIT] button.
- Left Voice Only: Press the left (soft) pedal while holding the [SPLIT] button.
- Both Voices: Press both the damper and left pedals while holding the [SPLIT] button.

NOTE: The dual and split modes cannot be used at the same time.

NOTE: In the split the soft and sostenuto pedal functions apply to both the left- and right-hand voices.

NOTE: When the Piano ABC Single Finger mode (page 22) and the split mode are used simultaneously, the left-hand voice will be accompanied by the appropriate ABC chord voices.

Digital Reverb Effects

The [REVERB] button provides a number of digital effects that you can use for extra depth and expressive power. Each time the [REVERB] button is pressed the next effect on the reverb "list" is selected and the corresponding indicator will light. No effect is selected when no indicator is lit.



OFF (No indicator lit)
No effect is produced.

ROOM

This setting adds a reverb effect to the sound that is similar to the type of acoustic reverberation you would hear in a medium-size room.

HALL 1

For a more spacious reverb sound, use the HALL 1 setting. This effect simulates the natural reverberation of a medium-size concert hall.

HALL 2

HALL 2 simulates the reverb of a very large concert hall.

COSMIC

"COSMIC" is an echo effect in which the sound seems to "bounce" around in the stereo sound field.

- The ROOM effect is automatically selected when the POWER switch is turned on.

Reverb Depth Control

The depth of the selected reverb effect can be increased or decreased by pressing the TEMPO [▲] or [▼] button while holding the [REVERB] button. The reverb depth is shown on the TEMPO display while the [REVERB] and [▲] or [▼] buttons are held. The reverb depth range is from "0" (no effect) to "15" (maximum depth).



- Reverb depth is initially set to "8" when the power is turned on (this setting can be recalled at any time by pressing the TEMPO [▲] and [▼] buttons simultaneously).

- To preserve overall balance and sound quality, relatively shallow reverb is applied to the bass and rhythm sound.

The Keyboard & Polyphony

The Clavinova has "32-note polyphony" which means you can normally play up to 32 notes at once. This number varies, however, according to the functions being used, as shown in the chart below:

Keyboard only	32 notes.
Keyboard only (dual)	16 notes.
Keyboard + rhythm	24 notes (rhythm uses 8).
Keyboard + ABC	16 notes (rhythm 8; ABC 8).

The Clavinova also offers keyboard touch response, so the volume and timbre of notes played can be controlled according to how "hard" you play the keys. The amount of variation available depends on the selected voice.

The Pedals

Right Pedal (Damper Pedal)

The damper pedal functions in the same way as a damper pedal on an acoustic piano. When the damper pedal is pressed notes played have a long sustain. Releasing the pedal immediately stops (damps) any sustained notes.

- The CVP-75 damper and soft pedal provide a maximum of 8 damping levels, depending on how deeply the pedal is pressed.

Center Pedal (Sostenuto Pedal)

If you play a note or chord on the keyboard and press the sostenuto pedal while the note(s) are held, those notes will be sustained as long as the pedal is held (as if the damper pedal had been pressed) but all subsequently played notes will not be sustained. This makes it possible to sustain a chord, for example, while other notes are played "staccato."

The sostenuto pedal cannot be used while the SOLO STYLEPLAY feature is operating. Also note that the function of the center pedal is changed when the left-pedal pitch bend function or bright function is selected (see below).

Left Pedal (Multi-function)

The left pedal has a number of functions which can be selected using the [LEFT PEDAL FUNCTION] button and indicators. Each time the [LEFT PEDAL FUNCTION] button is pressed the next function on the LEFT PEDAL function "list" is selected and the corresponding indicator will light.



The Pedals

SOFT

Pressing the soft pedal reduces the volume and slightly changes the timbre of notes played. The SOFT function is automatically selected whenever the POWER switch is turned on.

START/STOP

For details on the START/STOP function, refer to the "RHYTHM" section on page 20.

SOLO STYLEPLAY

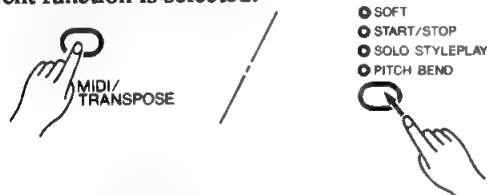
For details on the SOLO STYLEPLAY function see "SOLO STYLEPLAY" on page 26 (the SOLO STYLEPLAY pedal function can only be selected when the SOLO STYLEPLAY feature is in use).

PITCH BEND

Pressing the left pedal bends the pitch of notes played on the keyboard down, while pressing the center pedal bends pitch upward. The amount of pitch bend depends on how deeply the pedal is pressed. The maximum downward or upward pitch bend is 200 cents (i.e. one whole tone).

BRIGHT

The left and center pedals can be switched to bright pedal operation by pressing the [LEFT PEDAL FUNCTION] button while holding the [MIDI/TRANPOSE] button. The bright pedal function is cancelled when a different function is selected.



When the bright pedal function is activated, pressing the left pedal produces a more mellow tone, and pressing the center pedal produces a brighter tone.

- The bright pedal function is effective with the following voices:

Number	Voice
7	STRINGS
13	BRASS
14	POP BRASS
15	TRUMPET
16	MUTE TRUMPET
18	SAXOPHONE
19	SAXOPHONE SOFT
23	ACCORDION
24	HARMONICA
25	STRINGS SOFT
30	SYNTH BRASS
32	SYNTH STRINGS
55	CHAMBER STRINGS
56	JAZZ ORGAN 2
58	COSMIC 1
59	COSMIC 2
60	COSMIC 3

- When the power is initially turned on the left pedal is set to soft and the center pedal is set to sostenuto operation.

Touch Sensitivity

The CVP-75 can be set to one of three different types of keyboard touch sensitivity — HARD, MEDIUM or SOFT — to match different playing styles and preferences.

- The HARD setting requires the keys to be played quite hard to produce maximum loudness.
- The MEDIUM setting produces a fairly "standard" keyboard response.
- The SOFT setting allows maximum loudness to be produced with relatively light key pressure.

To select a touch sensitivity setting hold the [MIDI/TRANPOSE] button and press the corresponding STYLE button:

- POP 1 = HARD
- DANCE POP 1 = MEDIUM
- 16 BEAT 1 = SOFT

The MEDIUM setting is automatically selected whenever the POWER switch is turned on.

Transposition

The Clavinova's TRANPOSE function makes it possible to shift the pitch of the entire keyboard up or down in semitone intervals up to a maximum of six semitones. "Transposing" the pitch of the Clavinova keyboard makes it easier to play in difficult key signatures, and you can simply match the pitch of the keyboard to the range of a singer or other instrumentalist.

Use the TEMPO [▲] and [▼] buttons to select the desired degree of transposition while holding the [MIDI/TRANPOSE] button.

The amount of transposition selected is shown on the TEMPO indicator as follows:

Display	Transposition	Display	Transposition
-6	-6 semitone	0	Normal
-5	-5 semitones	1	+1 semitone
-4	-4 semitones	2	+2 semitones
-3	-3 semitones	3	+3 semitones
-2	-2 semitones	4	+4 semitones
-1	-1 semitone	5	+5 semitones
0	Normal	6	+6 semitones

- Press the [▲] and [▼] buttons simultaneously while holding the MIDI/TRANPOSE button to restore normal keyboard pitch.
- Transpose is always set to Normal when the power is turned on.
- The TRANPOSE function does not affect the DRUMS sound.

Pitch Control

Pitch control makes it possible to tune the Clavinova over a ± 50 -cent range in approximately 1.2-cent intervals. A hundred "cents" equals one semitone, so the tuning range provided allows fine tuning of overall pitch over a range of approximately a semitone. Pitch control is useful for tuning the Clavinova to match other instruments or recorded music.

Tuning Up

1. To tune up (raise pitch), hold the A-1 and B-1 keys simultaneously (A-1 and B-1 are the two lowest white keys on the keyboard) and press any key between C3 and B3. Each time a key in this range is pressed the pitch is increased by approximately 1.2 cents, up to a maximum of 50 cents above standard pitch.
2. Release the A-1 and B-1 keys.

Tuning Down

1. To tune down (lower pitch), hold the A-1 and A#-1 keys simultaneously and press any key between C3 and B3. Each time a key in this range is pressed the pitch is decreased by approximately 1.2 cents, up to a maximum of 50 cents below standard pitch.
2. Release the A-1 and A#-1 keys.

To Restore Standard Pitch*

1. To restore standard pitch (A3 = 440 Hz), hold the A-1, A#-1, and B-1 keys simultaneously and press any key between C3 and B3.
2. Release the A-1, A#-1, and B-1 keys.

* Standard pitch (A3 = 440 Hz) is automatically set whenever the POWER switch is initially turned ON.

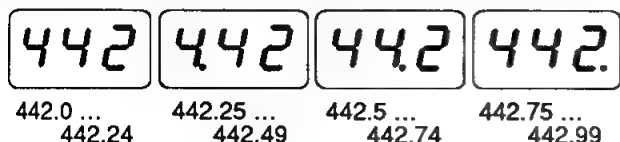
• The PITCH function does not affect the DRUMS sound.



The Pitch Display

The approximate pitch of A3 is shown on the TEMPO display in Hertz while the pitch control function is in operation. The total display range is from 427 to 453 hertz.

The dots to the right of each figure in the display are used to provide a general idea of fractional pitches. For example:



Individual Key Tuning

When the CVP-75 is used in ensemble with other keyboards such as acoustic pianos, differences in tuning curves can result in an out-of-tune sound. The CVP-75 is equipped with an individual key tuning feature that allows such differences to be accurately compensated for. The individual key tuning feature also makes it possible to tune the CVP-75 to completely different standards, if required. The pitch of each key can be raised or lowered by a maximum of 50 cents from the standard pitch.

To Raise the Pitch of a Single Key

1. Hold the [MIDI/TRANPOSE] button.
2. Press and release the [ROCK'N] style selector (do not release the [MIDI/TRANPOSE] button).
3. While still holding the [MIDI/TRANPOSE] button, press the desired key as many times as necessary to raise its pitch by the required amount (each press raises pitch by approximately 1.2 cents).
4. Release the [MIDI/TRANPOSE] button.

To Lower the Pitch of a Single Key

1. Hold the [MIDI/TRANPOSE] button.
2. Press and release the [SLOW ROCK] style selector (do not release the [MIDI/TRANPOSE] button).
3. While still holding the [MIDI/TRANPOSE] button, press the desired key as many times as necessary to lower its pitch by the required amount (each press lowers pitch by approximately 1.2 cents).
4. Release the [MIDI/TRANPOSE] button.

To Restore Standard Tuning*

1. Hold the [MIDI/TRANPOSE] button.
2. Press and release the [COUNTRY 1] style selector.
3. Release the [MIDI/TRANPOSE] button.

* Standard tuning is automatically set whenever the [POWER] switch is initially turned on.

Saving the Tuning to Disk

If a properly formatted disk is loaded in the CVP-75 disk drive (see page 33), the current tuning can be saved to disk by pressing and releasing the [SWING 1] style selector while holding the [MIDI/TRANPOSE] button. The tuning data is saved to the currently selected SONG NUMBER (see page 30).

Loading a Tuning From Disk

Tuning data previously saved to disk as described above can be reloaded by selecting the appropriate SONG NUMBER and then pressing the [BIG BAND] style selector while holding the [MIDI/TRANPOSE] button.

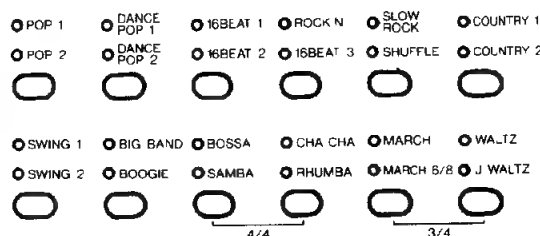
Rhythm

The CVP-75 has 24 "styles" that can be used as a basis for rhythm, or fully orchestrated rhythm, bass, and chord accompaniment (see "Piano ABC" on page 22).

Style Selection

The 24 patterns are selected using 12 STYLE selectors. Note that each style selector has two indicators and style names above it. These two styles are selected alternately each time the selector is pressed.

The POP 1 rhythm is automatically selected when the power is initially turned on.



Tempo Control

Whenever you select a different style, the "suggested" tempo for that style is also selected, and the tempo is displayed on the TEMPO display in quarter-note beats per minute (unless the accompaniment is playing, in which case the same tempo is maintained).

You can change the tempo to any value between 32 and 280 beats per minute, however, by using the TEMPO [▲] and [▼] buttons. This can be done either before the accompaniment is started or while it is playing. Press either button briefly to decrement or increment the tempo value by one, or hold the button for continuous decrementing or incrementing. Press lightly for slow, or harder for fast decrementing or incrementing.

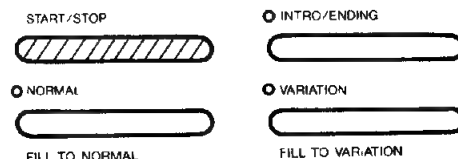


NOTE: The suggested tempo for the selected style can be recalled at any time by pressing both the [▲] and [▼] buttons simultaneously.

Suggested Tempos

Style	Suggested tempo	Style	Suggested tempo
POP 1	86	SWING 1	176
POP 2	80	SWING 2	160
DANCE POP 1	120	BIG BAND	152
DANCE POP 2	120	BOOGIE	160
16 BEAT 1	72	BOSSA	144
16 BEAT 2	100	SAMBA	120
ROCK'N'	152	CHA-CHA	126
16 BEAT 3	72	RHUMBA	120
SLOW ROCK	72	MARCH	120
SHUFFLE	104	MARCH 6/8	116
COUNTRY 1	112	WALTZ	192
COUNTRY 2	120	J. WALTZ	160

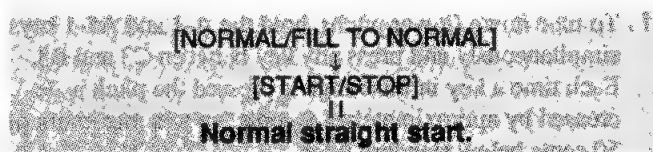
Starting the Rhythm



There are several ways to start the rhythm:

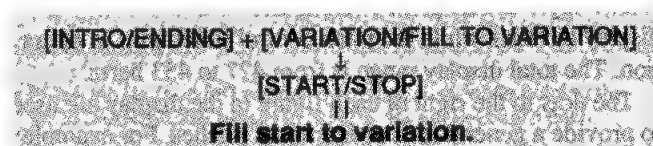
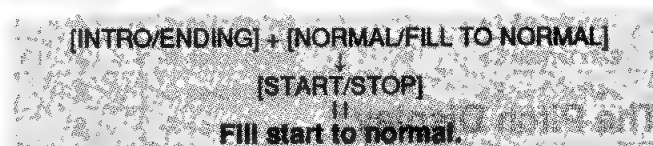
- **Straight start:** Press the [START/STOP] button.

Each of the rhythm styles also has a variation that can be selected by pressing the [VARIATION/FILL TO VARIATION] button (its LED will light) before pressing the [START/STOP] button. Normally the [NORMAL/FILL TO NORMAL] button LED will be lit (or you can select it if the variation is selected), indicating that the normal pattern is selected.



- **Start with an Introduction:** Press the [INTRO/ENDING] button.

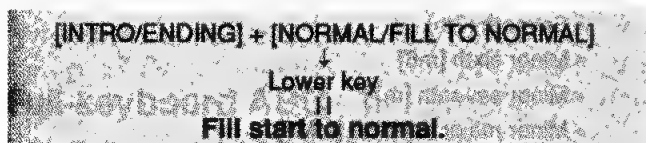
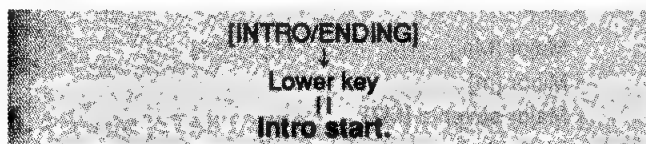
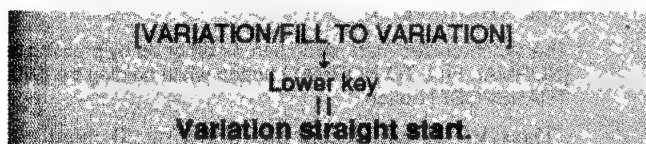
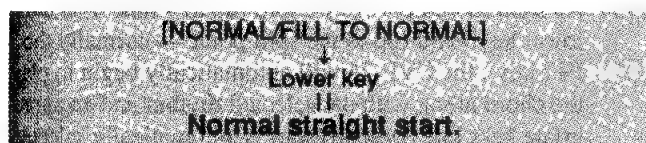
If you press the [NORMAL/FILL TO NORMAL] or [VARIATION/FILL TO VARIATION] button while holding the [INTRO/ENDING] button, the rhythm will start with an appropriate fill and then go to the normal rhythm or variation rhythm, respectively.



- **Synchronized start:** Any of the start types described above can be synchronized to the first note or chord played by first pressing the [MIDI/TRANPOSE] and [NORMAL/FILL TO NORMAL] buttons simultaneously. When the SPLIT mode is engaged, this function causes rhythm start to be synchronized to the first note or chord played on the left-hand section of the keyboard (i.e. keys to the left of and including the split-point key — normally F#2). Once the synchronized start mode has been selected, use the [NORMAL/FILL TO NORMAL], [VARIATION/FILL TO VARIATION] and/or [INTRO/ENDING] buttons to select the type of start you want.

The first dot of the BEAT display will flash at the current tempo when a synchronized start mode has been selected.

After pressing
[MIDI/TRANPOSE] + [NORMAL/FILL TO NORMAL] ...



The synchronized start mode will be cancelled if the rhythm is stopped by pressing the [START/STOP] button. It can also be cancelled by pressing the [MIDI/TRANPOSE] + [NORMAL/FILL TO NORMAL] buttons a second time.

NOTE: The current measure number is shown on the TEMPO display once the rhythm has been started.

Beat Display

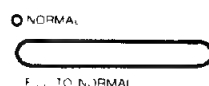
The four LED dots of the BEAT display provide a visual indication of the selected tempo. The leftmost (red) dot flashes on the first beat of each measure, the second dot flashes on the second beat, and so on (all dots except the leftmost dot are green). When a 3/4-time rhythm is selected, only the first three dots will flash.

	BEAT			
1st. Beat	●	○	○	○
2nd. Beat	○	●	○	○
3rd. Beat	○	○	●	○
4th. Beat	○	○	○	●

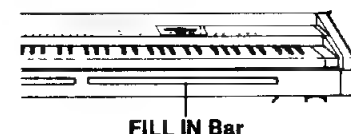
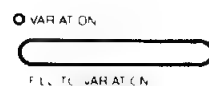
Fill-ins

The CVP-75 provides two types of automatic breaks or "fill-ins."

- **Fill To Normal:** Press the [NORMAL/FILL TO NORMAL] button or the left FILL IN bar (below the keyboard) to produce a fill-in and go to the normal rhythm.



- **Fill To Variation:** Press the [VARIATION/FILL TO VARIATION] button or the right FILL IN bar (below the keyboard) to produce a fill-in and go to the variation pattern.



If you hold one of the FILL buttons or bars, the fill-in will repeat until the end of the measure in which button is released. The FILL IN bars can only be used while the rhythm is running.

Stopping the Rhythm

The rhythm can be stopped at any time by pressing the [START/STOP] button. Press the [INTRO/ENDING] button if you want to go to the ending pattern and then stop.

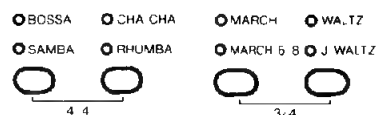


NOTE: If the left pedal is switched to START/STOP operation, it performs the same function as the panel [START/STOP] buttons (press to START, press again to STOP).

Metronome

The CVP-75 also offers straightforward 4/4 and 3/4 metronome patterns that are ideal for practice.

- To select and start the 4/4 metronome, press the [BOSSA] and [CHA-CHA] style selectors simultaneously.
- To select and start the 3/4 metronome, press the [MARCH] and [WALTZ] style selectors simultaneously.



Press [STOP/START] to stop the metronome sound.

You can also press the [VARIATION/FILL TO VARIATION] button to select a metronome pattern without the accented first beat.

Piano ABC

The CVP-75 includes a sophisticated auto-accompaniment system that can provide automated rhythm, bass and chord backing in a number of ways.

Single-finger Accompaniment

SINGLE FINGER accompaniment makes it simple to produce accompaniment using major, seventh, minor and minor-seventh chords by pressing a minimum number of keys in the ABC section of the keyboard. The automatic accompaniment consists of rhythm, bass and chords.

1. Press the [SINGLE FINGER] button to select the SINGLE FINGER mode (the SINGLE FINGER indicator will light).



2. Select the desired accompaniment using the style selectors (see "Style Selection" on page 20).
3. Use the TEMPO [▲] and [▼] buttons to set the desired accompaniment tempo if necessary (see "Tempo Control" on page 20).
4. Pressing any key on the ABC section of the keyboard (up to the split point — normally the F#2 key) will cause the automatic chord and bass accompaniment to begin (synchro start is automatically selected in the ABC mode*). If you press a "C" key, for example, a C-major accompaniment will be played. Press another key in the Auto Accompaniment Keys section to select a new chord. The key you press will always determine the "root" of the chord played (i.e. "C" for a C chord).

* The synchronized start mode can be off or on by pressing the [NORMAL/FILL TO NORMAL] button while holding the [MIDI/TRANPOSE] button.



Playing Minor, Seventh, and Minor-seventh Chords in the Single-finger Mode



- For a minor chord, press the root key and the first black key to its left.
- For a seventh chord, press the root key and the next white key to its left.
- For a minor-seventh chord, press the root key and both the next white and black keys to its left.

5. Press the [START/STOP] or [INTRO/ENDING] button to stop the accompaniment.

Fingered Accompaniment

The FINGERED mode is ideal if you already know how to play chords on a keyboard, since it allows you to supply your own chords for the Auto Accompaniment feature.

1. Press the [FINGERED] button to select the FINGERED mode (the FINGERED indicator will light).



2. Select an accompaniment style using the style selectors (see "Style Selection" on page 20).
3. Use the TEMPO [▲] and [▼] buttons to set the desired accompaniment tempo if necessary (see "Tempo Control" on page 20 for more details).
4. As soon as you play any chord (up to 4 notes) on the lower keyboard (up to the split point — normally the F#2 key), the CVP-75 will automatically begin to play the chord along with the selected rhythm and an appropriate bass line (synchro start is automatically selected in the ABC mode*).

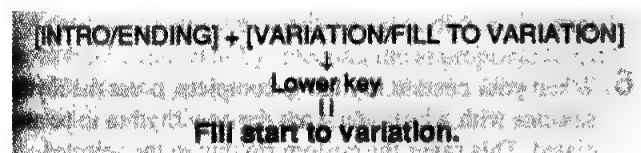
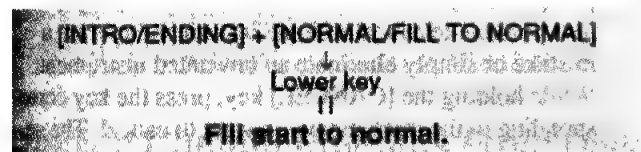
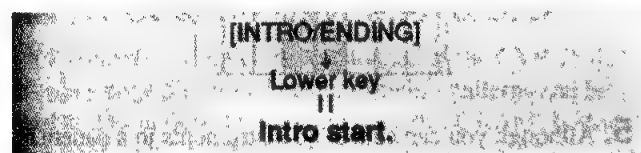
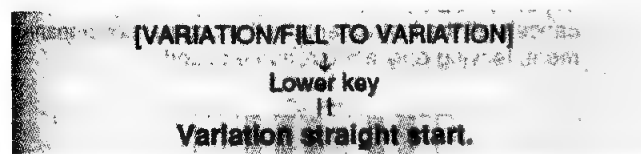
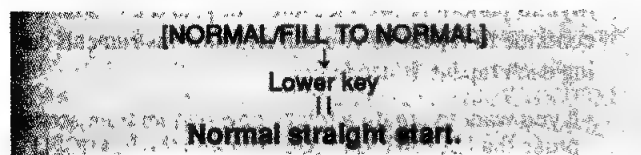
* The synchronized start mode can be off or on by pressing the [NORMAL/FILL TO NORMAL] button while holding the [MIDI/TRANPOSE] button.

The CVP-75 will accept the following 20 chord types:

- Major [Maj]
- Minor [m]
- Major seventh [M7]
- Sixth [6th]
- Seventh [7th]
- Minor sixth [m6]
- Minor seventh [m7]
- Minor major seventh [mM7]
- Minor seventh flat five [m7-5]
- Minor flat five [m-5]
- Major flat five [M-5]
- Seventh flat five [7-5]
- Major seventh flat five [M7-5]
- Seventh suspended fourth [7sus4]
- Suspended fourth [sus4]
- Augmented [aug]
- Seventh sharp five [7+5]
- Major seventh sharp five [M7+5]
- Diminished [dim]
- Half diminished (minor major seventh flat five) [mM7-5]

NOTE: The automatic accompaniment will sometimes not change when related chords are played in sequence (e.g. a minor chord followed by the minor seventh).

NOTE: The [INTRO/ENDING], [NORMAL/FILL TO NORMAL], and [VARIATION/FILL TO VARIATION] buttons can be used in the PIANO ABC mode to create pattern variations in the same way that they are used with rhythm patterns (refer to the "Rhythm" section on page 20 for details).



5. Press the [START/STOP] or [INTRO/ENDING] button to stop the accompaniment.

Full-keyboard ABC

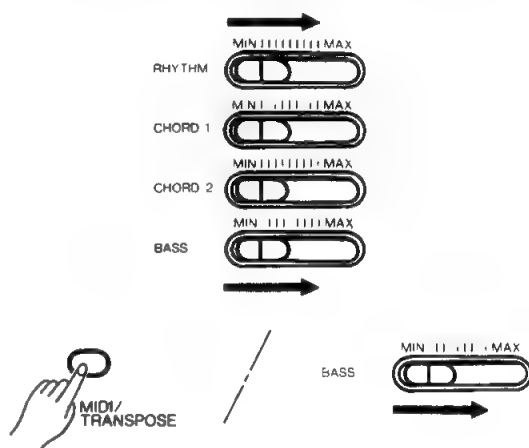
The Full-keyboard ABC mode can be engaged by pressing the [SINGLE FINGER] and [FINGERED] buttons simultaneously (both indicators will light). In this mode the split point is de-activated and notes played anywhere on the keyboard are detected and used to determine the harmonization of the accompaniment. Chord detection is possible when at least three notes are played simultaneously over the entire range of the keyboard. Press either the [SINGLE FINGER] or [FINGERED] button twice to exit from the Full-keyboard ABC mode.

- Some of the chord types listed on page 22 cannot be detected in this mode.

Volume Control

The RHYTHM, CHORD 1, CHORD 2, and BASS volume controls can be used to adjust the volume of the corresponding accompaniment parts when using the ABC mode. The CVP-75 accompaniments are balanced to produce the best possible sound with the RHYTHM, CHORD 1, CHORD 2, and BASS volume controls set about 3/4 of the way toward MAX. If the chord patterns interfere with the melody or other right-hand chords you are playing, however, try turning the CHORD 2 volume control down. You can also turn both the CHORD 1 and CHORD 2 volume controls all the way down and play with just the bass and rhythm parts.

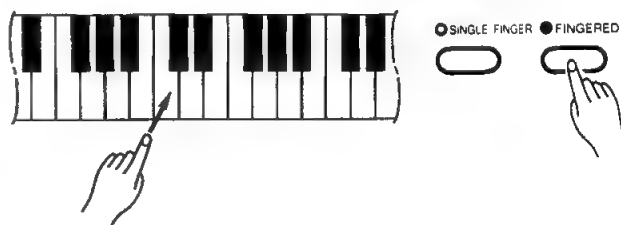
The volume of the keyboard can be independently adjusted by using the BASS volume control while holding the [MIDI/TRANPOSE] button.



Changing the Split Point

The ABC split point can be set at any key by pressing the desired key while holding the [SINGLE FINGER] or [FINGERED] button.

The default split point — F#2 — will always be set automatically whenever the power is initially turned ON.

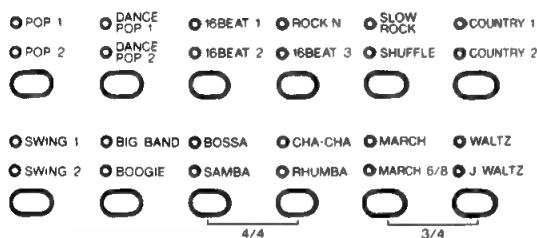


Custom Rhythm

The CVP-75 CUSTOM RHYTHM feature allows you to create 12 original rhythm patterns that can be later recalled and played at any time, just like the presets. Each custom rhythm pattern can be "stored" in any of the CVP-75's 12 style memory locations.

Creating an Original Rhythm Pattern

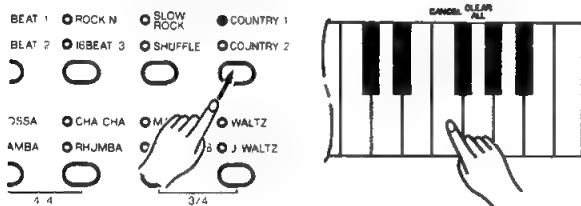
1. Begin by selecting one of the preset rhythms, a previously-recorded custom rhythm, or a loaded disk style rhythm that is close to the rhythm you want to create. For example, select a WALTZ rhythm if you want to program a rhythm pattern in 3/4 time. You cannot program a 3/4 rhythm when a 4/4 rhythm is selected, and vice versa.



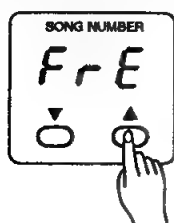
2. Press the [PROGRAM] button so that its LED indicator lights. The selected rhythm will begin playing.



- When the PROGRAM mode is engaged, the LED indicators for all rhythm selectors that currently contain custom rhythm data will light. Any previously programmed and stored custom rhythm pattern can be erased from memory by pressing the corresponding rhythm button while holding the [CANCEL] (F6) key.

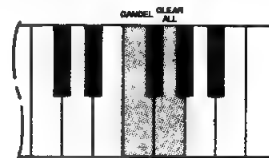


3. The initial resolution for custom rhythm programming is 16th or 12th notes, and this will be shown on the SONG SELECT display when the PROGRAM mode is engaged. This means that all entered notes will be adjusted to fall on the nearest 16th or 12th beat. If you need greater resolution for free-tempo passages, switch to 96th-note resolution by pressing the SONG SELECT [▲] key ("FrE" will appear on the SONG SELECT display). You can return to 16th (12th) note-resolution at any time by pressing the SONG SELECT [▼] key.



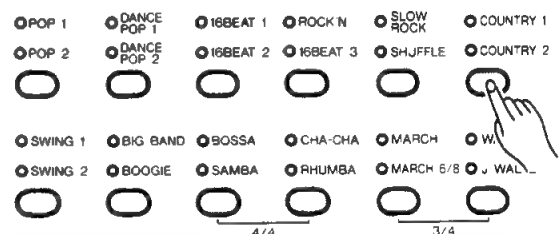
4. You can now add new notes to the selected rhythm accompaniment by playing the keyboard percussion keys at the appropriate timing. Keyboard velocity sensitivity lets you add accents and dynamics as required. The rhythm pattern is two measures long, and the pattern will continue to repeat so you can add new instruments during each repeat, if necessary.

- If you want to create a totally new rhythm from scratch, press the [CLEAR ALL] (G6) key and the [CANCEL] key simultaneously before beginning to program. This cancels all the instruments in the original accompaniment, leaving only a metronome sound.



5. Although you can cancel all instruments in a pattern by pressing the [CLEAR ALL] and [CANCEL] keys, it is also possible to cancel a single instrument to erase a mistake or simply eliminate an unwanted instrument. While holding the [CANCEL] key, press the key corresponding to the instrument you want to cancel. The selected instrument should now be cleared from the pattern.

6. When your custom rhythm is complete, press the rhythm selector with which you want the new rhythm to be associated. This saves the custom rhythm in the selected rhythm button. Then press the [PROGRAM] button to exit the custom rhythm programming mode (the PROGRAM indicator will go out). If you want to stop programming without saving the rhythm pattern, simply press the [PROGRAM] button so that its LED indicator goes out.



- If a FILL IN button or bar is pressed prior to programming, it is possible to program a custom fill in. It is not possible to program custom INTRO/ENDING patterns.
- Up to 8 notes can be played simultaneously.

Playing Back Your Custom Rhythm Pattern

Once created, your original rhythm pattern can be played back by pressing the [CUSTOM RHYTHM] button (its LED will light), the style selector button into which it was stored, and then the [START/STOP] button. Press the [START/STOP] button to stop playback. Your CUSTOM RHYTHM can also be used as the basis for PIANO ABC accompaniment.



Saving Custom Rhythms to Disk

If a properly formatted disk is loaded in the CVP-75 disk drive (see page 33), all 12 custom rhythm patterns can be saved to disk at once by pressing the [PROGRAM] button while holding the [MIDI/TRANPOSE] button. The custom rhythm data is saved to the currently selected SONG NUMBER (see page 30).

Loading Custom Rhythms From Disk

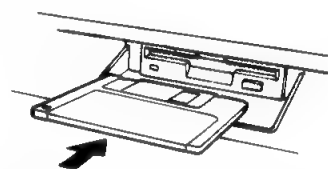
A custom rhythm previously saved to disk as described above can be reloaded by selecting the appropriate SONG NUMBER and then pressing the [CUSTOM RHYTHM] button while holding the [MIDI/TRANPOSE] button.

Style Disk

A Style Disk is supplied with the CVP-75, providing an extra 40 accompaniment styles. Any two of these styles can be loaded into the CVP-75 memory at a time. The [DISK STYLE 1] and [DISK STYLE 2] buttons select the loaded disk styles in the same way as the STYLE selectors select the internal styles.

Selecting & Loading Style Disk Patterns

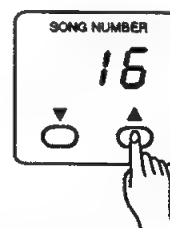
1. Insert the style disk into the CVP-75 disk drive with the metallic door facing the drive slot and the label side facing upward. The disk should click into place and the disk lamp will light briefly while the CVP-75 reads and identifies the disk.



2. Press the [SONG SELECT] button. When this is done the [DISK STYLE 1] and [DISK STYLE 2] button indicators will flash, and the single-finger ABC mode and synchronized start mode will be engaged (the fingered ABC mode will remain active if it was selected when the disk was loaded).



3. Use the [▲] and [▼] buttons below the SONG NUMBER display to select the desired accompaniment style number.* You can "preview" the selected accompaniment style by playing on the left-hand section of the keyboard (single-finger or fingered). Accompaniment playback will stop if a different style number is selected.



* Style numbers can also be selected by using the voice selectors (note that each voice selector has a number between 1 and 0 associated with it) while pressing the [DRUMS] selector. To select style number 16, for example, press and hold [DRUMS], press [PIANO/1], then [STRINGS/6], then release the [DRUMS] button.

Style Disk

- Press the [DISK STYLE 1] or [DISK STYLE 2] button to load the selected style into that button. The [DISK STYLE 1] or [DISK STYLE 2] indicator will light, and the [SONG SELECT] indicator will go out.
- Repeat steps 2 through 4 to select and load a second style into the other [DISK STYLE] button if you like.

Style Disk Pattern List

Group	No.	Name	Song Examples
ROCK	1	AMERICAN POP	Material Girl
	2	60'S	A Hard Day's Night
	3	SOUL ROCK	Rio Funk
	4	16 BEAT	Copacabana
	5	ROCK BALLAD	Bridge Over Troubled Water
	6	COUNTRY ROCK	Green, Green Grass Of Home
	7	PIANO BALLAD	My Way
	8	SOLO PIANO	Sunflower
SOUL	9	RHYTHM & BLUES	In The Midnight Hour
	10	GOSPEL	Amazing Grace
	11	BLUES SHUFFLE	Buttons And Bows
JAZZ	12	CONTEMPORARY	Sweet Georgia Brown
	13	DIXIE	When The Saints Go Marching In
	14	RAGTIME	The Entertainer
LATIN	15	TANGO 1	El Choclo
	16	TANGO 2	La Cumparsita
	17	LAMBADA	Lambada
	18	SAMBA	Tico-tico
	19	BOSSA 1	Wave
	20	BOSSA 2	You Are The Sunshine Of My Life
	21	REGGAE	I Shot The Sheriff
	22	LATIN POP	El Bimbo
	23	LATIN ROCK	Cachito
	24	CHA-CHA	Oye Como Va
WALTZ	25	WALTZ	Chim Chim Cher-ee
	26	VIENNESE WALTZ	Tales From Vienna Woods
	27	CHANSON	Domino
WORLD	28	POLKA	Beer Barrel Polka
	29	HAWAIIAN	Aloha Oe
	30	CALYPSO	St. Thomas
	31	NEW AGE	Silk Road
	32	COUNTRY SHUFFLE	Stagecoach
	33	FOLKLORE	El Humahuagueño
	34	JAPANESE POP 1	—
	35	JAPANESE POP 2	—
	36	JAPANESE POP 3	—
	37	JAPANESE POP 4	—
	38	ENKA 1	—
	39	ENKA 2	—
	40	ONDO	—

Using a Loaded Style Disk Pattern

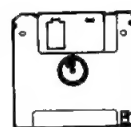
After you've loaded the desired Style Disk patterns, the [DISK STYLE 1] and [DISK STYLE 2] buttons can be used in exactly the same way as the other STYLE buttons to select the loaded patterns for ABC accompaniment (see "Piano ABC" beginning on page 22).

The number of the Style Disk pattern selected by the [DISK STYLE 1] or [DISK STYLE 2] button will be shown on the SONG NUMBER display.

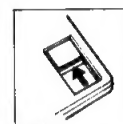
Style Disk Auto Load

Loaded Style Disk patterns are retained in memory for approximately one week even if the power is not turned on during that time. The pattern data will be lost if the CVP-75 is not turned on for periods longer than about a week. If this happens, the selected pattern(s) can be automatically loaded from the disk when the power is turned on if:

- The write-protect tab of the style disk is set to the "write" position (tab closed) when the patterns are selected and loaded (preferably, disk containing copies of the required patterns should be used — see the "Disk Control" section beginning on page 33).



Write Protect tab



Write Protect OFF

- The style disk is in the floppy disk drive when the power is turned on.

• The Style Disk Auto Load function will only work if previously loaded style disk pattern data is not still backed up.

Solo Styleplay

This sophisticated feature not only provides automatic rhythm, bass and chord accompaniment, but it also adds appropriate harmony notes (two or three harmonized notes) to a melody you play on the upper keyboard.

• 3 different Solo Styleplay patterns are provided for each STYLE selector. These can be selected via the [SOLO STYLEPLAY] and TEMPO [▲] and [▼] buttons or STYLE selectors. When using any of the 40 disk styles, an appropriate Solo Styleplay pattern will be selected from the internal styles.

- Press the [SOLO STYLEPLAY] button to turn the SOLO STYLEPLAY mode on. The SINGLE FINGER mode is automatically selected when SOLO STYLEPLAY is turned on, unless the FINGERED mode is already selected.

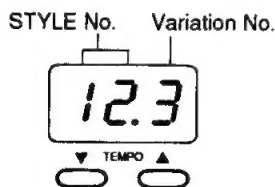
Disk Orchestra

2. Select an accompaniment style using the style selectors (see "Style Selection" on page 20). When you do this the melody voice will be automatically selected to match the selected style. You can then use the normal voice selection procedure to select a different voice, if required.
3. Set the desired tempo if necessary using the TEMPO [▲] and [▼] buttons (see "Tempo Control" on page 20).
4. Play the required chords (SINGLE FINGER or FINGERED) on the ABC section of the keyboard while playing a single-note melody line on the upper keyboard.
5. Press [START/STOP] or [INTRO/ENDING] to stop the accompaniment.
6. Press the [SOLO STYLEPLAY] button again to turn the function off.

NOTE: Some Piano ABC INTRO and ENDING patterns have their own chord progressions. If Solo Styleplay is used with these patterns, octave harmony is produced to avoid conflicting harmony and chord tones.

Harmonization Variations

It is possible to apply the harmonization type and voice from a different style to the selected style by using the TEMPO [▲] and [▼] buttons while holding the [SOLO STYLEPLAY] button. This makes it possible, for example, to use the solo styleplay harmonization type from the 16 BEAT 1 style when actually playing in the POP 1 style. The selected style number will be shown on the left 2 digits of the display ("1" ... "26") and the indicator of the corresponding style button will light as long as the [SOLO STYLEPLAY] button is held. "1" through "24" correspond to the panel styles, "25" is a 4/4 metronome, and "26" is a 3/4 metronome. The rightmost digit shows the selected style variation (1, 2, or 3). Variation "1" is selected if a solo styleplay pattern is selected by pressing a STYLE selector while holding the [SOLO STYLEPLAY] button.



The Left Pedal & Solo Styleplay

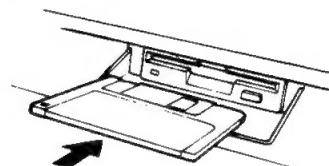
If the LEFT PEDAL FUNCTION is set to SOLO STYLEPLAY in SOLO STYLEPLAY mode, harmonization of notes played on the right-hand section of the keyboard only occurs when the left pedal is pressed. This allows you to combine normal PIANO ABC type performance with SOLO STYLEPLAY as required.

NOTE: The SOLO STYLEPLAY mode will be disengaged if the PIANO ABC FINGERED or SINGLE FINGER mode is turned off.

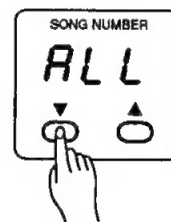
Using DISK ORCHESTRA disks (one is supplied with the CVP-75, others are available from Yamaha), the CVP-75 will let you enjoy listening to automated performances, or function as your "private music tutor," allowing you to practice various parts of a piece while the others are played automatically. The CVP-75 additionally shows you which keys to play with guide lamps that light up above each key.

Automatic Performance

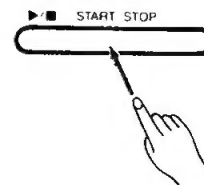
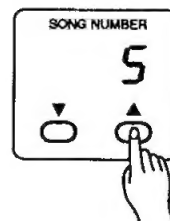
1. Insert the DISK ORCHESTRA disk into the CVP-75 disk drive with the metallic door facing the drive slot and the label side facing upward. The disk should click into place and the disk lamp will light briefly while the CVP-75 reads and identifies the disk.



2. When the disk is inserted the [SONG SELECT], [RIGHT ON], [LEFT ON] and [ORCHESTRA ON] indicators will light, and song number "1" will be shown on the SONG NUMBER display. Use the [▲] and [▼] buttons below the display to select the desired song number. Select "ALL" if you want all songs on the disk to be played and repeated until playback is stopped.



- You can also start sequential repeat playback by using the [▲] and [▼] buttons to select the song number from which playback is to begin, and then pressing the [START/STOP] button while holding the [MIDI/TRANSPOSE] button.



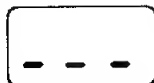
Disk Orchestra

- No number will appear on the display if an appropriate DISK ORCHESTRA disk has not been properly inserted into the disk drive.

3. Start playback of the selected song by pressing either the DISK ORCHESTRA [START/STOP] button or the rhythm control [START/STOP] button. Unless "ALL" is selected, the selected song will play through to the end and playback will stop automatically. The current measure number will normally be shown on the TEMPO display during playback.

Playback can be stopped at any time by pressing the DISK ORCHESTRA [START/STOP] button or rhythm control [START/STOP] button.

- Please note that playback cannot be started while the CVP-75 is searching the disk for a selected song.
- Some Disk Orchestra software does not produce a tempo display (e.g. free-tempo phrases, etc.). In this case, three lit bars appear along the bottom of the TEMPO display.



4. When you've finished with the currently loaded disk, simply press the disk drive EJECT button to remove it. You can also press the [SONG SELECT] button (its LED will go out) to return to the normal play mode without removing the disk.

CAUTION:

- NEVER eject a disk or turn the power off while:
 - 1) the disk drive lamp is on.
 - 2) the DISK ORCHESTRA function is playing.

Playing Back only Specific Parts

The [LEFT ON], [RIGHT ON] and [ORCHESTRA ON] buttons can be used to select playback of specific parts. The [LEFT ON] button turns the left-hand part on or off, the [RIGHT ON] button turns the right-hand part on or off, and the [ORCHESTRA ON] button turns the ORCHESTRA part on or off. When a part is on, the corresponding LED indicator lights. Use the [LEFT ON], [RIGHT ON] and [ORCHESTRA ON] buttons to select the parts you want to play back. You can, for example, turn off a part you want to practice on the keyboard.



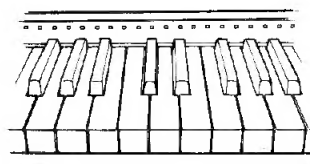
Volume Control

During DISK ORCHESTRA playback use the RHYTHM volume control to adjust the volume of the drum and percussion parts, the CHORD 2 volume control adjusts the volume of the main left- and right-hand parts, the CHORD 1 volume control adjusts the volume of all other parts except the bass, and the BASS control adjusts the volume of the bass part.

Guided Right- and Left-hand Practice

With this feature, the CVP-75 waits for you to play the appropriate keys before playing ahead, so you can learn to play the piece at your own pace.

Press the [GUIDE] button so that its indicator lights to turn the guide mode on. The settings of the [RIGHT ON] and [LEFT ON] buttons will then determine whether the guide lamps operate for the left-hand part only, the right-hand part only, or both the right- and left-hand parts, as listed below.



After turning [GUIDE] on ...

[LEFT ON] ON + [RIGHT ON] ON
||
Left- and right-hand guide.

[LEFT ON] ON + [RIGHT ON] OFF
||
Right-hand guide only.

[LEFT ON] OFF + [RIGHT ON] ON
||
Left-hand guide only.

When you press the [START/STOP] button to begin playback, the introduction will play automatically but then the CVP-75 will stop and wait for you to play the key(s) indicated by the guide lamps above the keyboard (see "Guide Modes" below). As you play the indicated keys, the piece will continue, pausing until you play the right keys each time.

As with automated performance, the song will stop automatically when the end is reached, or it can be stopped at any time by pressing the [START/STOP] button.

- Disk Orchestra playback tempo can be set to any desired value after a song has been selected by using the TEMPO [▲] and [▼] buttons.
- The current measure number will be shown on the TEMPO display after DOC playback has begun. The measure number may not exactly match that shown on the sheet music, however.
- The positions of the guide lamps do not change if the transpose function is used to transpose the pitch of the keyboard.
- If the guide lamps flashing above the CVP-75 keyboard distract you, or you want to try playing along without them, simply press the [RIGHT ON] button while holding the [MIDI/TRANPOSE] button. Repeat to turn the guide lamps back on.

Guide Modes

The CVP-75 has two guide modes which can be selected as follows:

Normal wait: This mode is automatically selected when the CVP-75 power is turned on. It can also be selected by pressing the A-1 key while holding the [GUIDE] button.

In the normal wait mode the CVP-75 will wait until the key(s) indicated by the guide lamp(s) is pressed before proceeding to the next note.

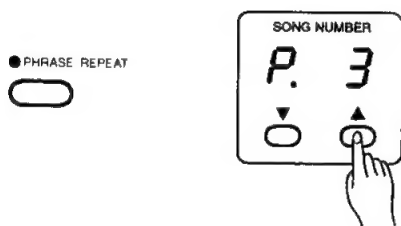
Delayed Wait: This mode can be selected by pressing the B-1 key while holding the [GUIDE] button.

In the delayed wait mode the CVP-75 will play ahead for 8 quarter notes and then wait until any of the keys indicated by the guide lamps are pressed.

Phrase Repeat

Use this function if you want to practice a specific phrase within a song.

1. Select the desired song as described in "Automatic Performance," above.
2. Press the [PHRASE REPEAT] button (its LED indicator will light). When this is done the SONG NUMBER display will function as the phrase number display. Use the [▲] and [▼] buttons below the display to select the desired phrase number (refer to the DISK ORCHESTRA COLLECTION book that comes with the DISK ORCHESTRA COLLECTION disk for phrase locations).

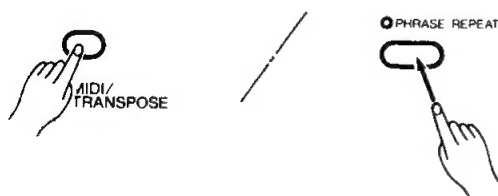


3. Press the [START/STOP] button to begin playback of the selected phrase. Phrase playback will repeat until the [START/STOP] button is pressed a second time.

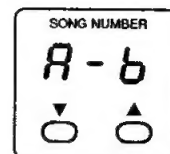
A-B Repeat

This function allows you to specify any section of a DISK ORCHESTRA song for continuous repeat playback.

While the song is playing, hold the [MIDI TRANPOSE] and press the [PHRASE REPEAT] button once at the beginning of the section to be repeated and again at the end of the section to be repeated.



To begin repeat playback first activate the A-B Repeat mode by selecting phrase number "0" ("A-b" will appear on the SONG NUMBER display), then start and stop playback in the normal way.



- The specified A-B repeat points will be erased when a new song number is selected.

Pause

Press the [|| PAUSE] button to temporarily stop DISK ORCHESTRA playback. Press the [|| PAUSE] button again to resume playback from the same point.



- The [|| PAUSE] button can not be used in the guide mode.

Rewind and Fast Forward

During DISK ORCHESTRA operation the [◀ REW] and [▶ FF] buttons function as follows:

- While playback is stopped or paused the [◀ REW] and [▶ FF] buttons can be used to step backward or forward through the song a measure at a time.
- The [◀ REW] and [▶ FF] buttons cannot be used in the guide mode.
- During playback the [▶ FF] button causes fast playback for as long as the button is held.



Pedal Pause/Next Phrase

If the left pedal is set for START/STOP operation using the [LEFT PEDAL FUNCTION] button, it functions as a pause/next phrase control during DISK ORCHESTRA playback: press once to pause, and again to continue from the beginning of the next phrase. There may be a slight delay after the pedal is pressed to "cue" to the beginning of the next phrase.

- The pedal pause/next phrase function will not operate if the guide, phrase repeat, or all songs repeat modes are active.

DISK ORCHESTRA COLLECTION Disk Copy

The orchestra parts of songs from DISK ORCHESTRA COLLECTION disks — the disk supplied with the CVP-75 and others available from Yamaha — can be copied to separate disks by following the "Disk Orchestra Collection Song Copy" instructions given on page 31 of the "Disk Control" section. Data copied in this way can be played back and manipulated via the Performance Memory (page 30).